

From 1oldlens1 at ix.netcom.com Tue Dec 1 00:28:33 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Mon, 30 Nov 2015 21:28:33 -0800
Subject: [BoatAnchors] B+ on or off?
In-Reply-To: <CA01yix2sX4qsX4u9tSWw8Qepu+sDHjM+MhTBHx6Qoy5NDsoaQ@mail.gmail.com>
References: <CA01yix2sX4qsX4u9tSWw8Qepu+sDHjM+MhTBHx6Qoy5NDsoaQ@mail.gmail.com>
Message-ID: <565D3001.5040905@ix.netcom.com>

I suspect he got this idea from the HRO. All HROs have a note in the instructions to turn off the B+ when changing coils. There is likely a good reason for this since the entire assembly is changed and its possible some surge may happen or some DC may be on the case as its changed. I have never seen this for any other receiver plus many receivers have B+ on all the time and mute by some other means. An example is the SP-600-JX where the REC./SEND switch controls only screen voltage for the RF and IF stages. I think this is also true of the earlier Super Pro radios. It just does not make much sense to me since arcing at the bandswitch is not a problem with most receivers.

On 11/30/2015 5:41 PM, Guido Santacana via BoatAnchors wrote:

> Back in the late 70s my BA benefactor and Elmer, who was also an excellent
> electronic technician specializing in communications gear and an extra
> class from that era, told me that I should always turn off B+ before a band
> change in our old receivers. He worked many years as a ship communication's
> officer and later in coastal marine communications centers. Later on he
> became chief of communications in the local power authority. I knew him at
> this time and seeing my interest in tube gear, this was late 70s, he
> started to bring me a lot of rigs that he got from other hams but did not
> want for himself. Some of the goodies were AR88s, BC348s, Viking and Heath
> transmitters, one R390urr, Nationals, Collins etc, etc. No one wanted them
> so I got them for free and started my collection, restoration and plain
> admiration for this gear. I always remember that one day I was showing him
> the results one AR88 restoration and alignment. He knew these receivers by
> heart so his evaluation of my work was like passing a practical exam.
> Everything went well until I changed bands. The guy jumped back and asked
> me why I had not turned off the B+. He told me that since his early days in
> radio he was always told to do that and that it made sense not to switch
> with the B+ on. My response was that I saw no problem with that and the
> radio manuals did not mention it. His response was a grin and something
> like "well you go ahead and continue to do that but I told you". I
> remembered that event the other day and decided to ask the list if anyone
> ever heard of something like this.

>

> BTW this guy was a 60WPM + CW expert and I think he's still around but I
> have not seen him in years. I also remember his laughter when he saw my
> first ever power supply built to power a TCS RX/TX pair, but it worked!

>

> 73s

>
> Guido
>
> Guido Santacana KP4FAR
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> https://minime.theporch.com/mailman/listinfo/boatanchors
>

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Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From wb0eq at yahoo.com Tue Dec 1 11:03:18 2015
From: wb0eq at yahoo.com (John Sehring)
Date: Tue, 1 Dec 2015 16:03:18 +0000 (UTC)
Subject: [BoatAnchors] Analog electronics reference
References: <1687186198.14060131.1448985798419.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <1687186198.14060131.1448985798419.JavaMail.yahoo@mail.yahoo.com>

I think that this is a mighty fine reference on analog electronics from one of the best, TI.

Find download link about 3/4 of the way down this web page:

<http://www.ti.com/lstds/ti/amplifiers-linear/precision-amplifier-support-community.page#pocketref>

Yeah, I know it's all about solid state but the basic principles are there.

You can have hardcopy too for \$5 + shipping.

Enjoy!
--John Sehring VE6EQR-WB0EQ nr Calgary, Alberta, Canada

From gsantacana at gmail.com Tue Dec 1 18:36:43 2015
From: gsantacana at gmail.com (Guido Santacana)
Date: Tue, 1 Dec 2015 19:36:43 -0400
Subject: [BoatAnchors] B+ on or off?
In-Reply-To: <565D3001.5040905@ix.netcom.com>
References: <CA01yix2sX4qsX4u9tSWw8Qepu+sDHyjM+MhTBHx6Qoy5NDsoaQ@mail.gmail.com>

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Message-ID: <CA01yix3rgjM8vNsK5m0ooRWqs_ZKKDkXzG0+09AS0oesWPdNVQ@mail.gmail.com>

I never followed this advice except on the HROs that I had years ago. For him it was second nature to turn off the B+ when changing bands. Many early SW sets had removable coils for each band so maybe this was a practice that remained from those times and even transferred to more modern bandswitch sets by association. I remember that when he was in the shack, every time that I changed bands without disabling B+ the guy would cringe as if expecting some disaster. Old ways die hard.

Best 73s

Guido

Guido Santacana KP4FAR

On Tue, Dec 1, 2015 at 1:28 AM, Richard Knoppow via BoatAnchors <boatanchors@theporch.com> wrote:

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> WB6KBL
>
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From wb0eq at yahoo.com Tue Dec 1 19:20:38 2015
From: wb0eq at yahoo.com (John Sehring)
Date: Wed, 2 Dec 2015 00:20:38 +0000 (UTC)
Subject: [BoatAnchors] Corporate engineering
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>

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Once upon a midnight dreary, I had a Hewlett-Packard model 400D "sensitive" AC voltmeter in my shack. It was from a very good buy at a radio flea market.

Besides, I like H-P stuff very much, have lots of it here, my favorite 50-year-old equipment brand name. I've always admired them & their story--and results!

Well, this meter just wouldn't settle down. The meter reading jumped around endlessly.

I looked at everything I could think of; thanks to this group, that was a mighty fine list.

Calibrated the unit, let it run, ran line voltage up & down, tested (Hickok 600A & TV-7) & changed tubes, looked for microphony, cleaned switch contacts & tube pins/sockets with DeOxit, tightened hardware after slight loosening (plus DeOxit), wiggle circuitry, etc., etc., etc. Yeah, I slapped it some, too.

Finally after months I gave up, it went to another radio flea market.

Found out much later was probably a problem with hardware (rivets) on aluminum chassis corrosion, courtesy of a note to me from this list.

Well, I recently got a hold of the service manuals & service notes for all of these H-P voltmeters, from model 400A to 400D, H, L. I wanted to trace the engineering & circuit design along the way. (I learn a surprising amount about circuitry & design philosophy that way--also, how NOT to do things.)

Well, talk about circuit design INstability! It looked like the kids or interns or newbie engineers were let loose on this!

Tubes and tube line-ups went back & forth, circuit features appeared, disappeared and appeared again! E.g. the heater wiring went from all AC on filaments, to DC on some, to separate AC on most and so forth, some with DC bias applied to some heaters--you get the picture.

More: The manner & amount of applying AC feedback wandered about, reaching a maximum of 55 dB! That seems high to me.

Later service mods said, "Some of these mods are too drastic to apply in the field." Also, "The revised circuit is superior to earlier circuitry but does not offer sufficient advantages to warrant modification merely to include the new circuit in an instrument." What exactly is meant here?

And, it cautioned that NONE of the schematics described any one sample exactly! This sounds crazy to me. I don't expect this from any mfr!

Tubes were to be picked for minimum microphony thusly (caution, rough stuff follows):

"Connect a 0.001 volt rms, ac signal to the INPUT terminals and set the vtvm to the 0,001 volt range. Hold your hand palm-upward and sharply rap (!!!) the front of the meter case with your knuckle. The pointer will usually not move more than about 1/8 inch along the meter scale."

Further:

"Check Output vs Shock

a. Connect a 1.0 volt rms, ac signal to the INPUT and set the vtvm to the 1-volt range. Connect the vtvm OUTPUT to an oscilloscope and adjust oscilloscope to display several cycles.

b. Strike (again!) either top front corner of the instrument with the palm of your hand, There should be no sudden change in amplitude nor a momentary collapse of the pattern. This test will detect another type of microphonic tube or poor electrical connections within the vtvm."

Yikes!

Now I must tell you what my bench marks for such equipment is:

1. Daven ME-6D/U (2 @) (tubed)
2. Ballantine 300H-U7 (tubed)
3. H-P 400F (solid state--so not fair--this unit worked fine after DeOxit spa treatment applied to range switch!)

None of the above 3 meters' cal procedure have anything like this in them. In fact, the Daven voltmeter can work perfectly in the Navy shipboard environment which is filled with shock & vibration continuously--yes it is a MIL-spec device.

Where were David & Bill when this was happening?

Or, am I being too harsh here?

--John Sehring VE6EQR-WB0EQ nr Calgary, Alberta, Canada

From 1oldlens1 at ix.netcom.com Tue Dec 1 19:52:21 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 1 Dec 2015 16:52:21 -0800
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
Message-ID: <565E40C5.6080802@ix.netcom.com>

I mostly worked on RF and microwave gear at -hp- so can't give you details on the 400-D/H but there was a drastic change in the design from the earliest to last of them including a completely different voltage divider. The early ones could not be made to meet specs. Not sure how this was handled. Anyway, avoid early models with dark gray front panels. A similar but less drastic bunch of redesign was done for the 200CD but most of the changes can be made to the earlier ones. The last of them were excellent but I would also avoid those with dark gray front panels.

Note that the cabinets were repainted when serviced so early gray ones are very often that odd violet gray used later and occasionally the speckled blue color.

The difference between the early D and H was the meter. The H had a mirror scale meter with better scale tracking than the D. Later meters with taught band suspension meters were individually calibrated by machine so all are equally as good. The H still has a mirror scale but the meter movement is no better than the D and you can get rid of parallax by lining up the reflection of your eye with the pointer. Some of the early instruments had some wishful thinking in their specs, later ones should be half specs if not broken.

On 12/1/2015 4:20 PM, John Sehring via BoatAnchors wrote:

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Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From k0dan at comcast.net Tue Dec 1 20:02:17 2015
From: k0dan at comcast.net (K0DAN)
Date: Tue, 1 Dec 2015 19:02:17 -0600
Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)
In-Reply-To: <183f93.223fe9e4.438ddf34@cs.com>
References: <183f93.223fe9e4.438ddf34@cs.com>
Message-ID: <675B1D5FE71E4B75BBC9BBD357AC2FAD@K0DANHamshack>

Hello group.

\

So while we're vaguely on the VTVM/VOM topic I too have a beloved Simpson 260 (circa 1980) which is my first choice of all low impedance meter tasks.

It has a few problems, wonder if anyone can help me with?

1. The meter movement works OK, but occasionally "sticks" about 1/2 scale. It acts as if it is pinned, but is only approx 1/2 scale. If I hit it with a little more "juice" it is able to go to full scale. It is able to calibrate at fully scale on Ohms. So the meter is not really stuck, but is kind of "weak" in the mid-scale area. I don't know how else to describe it...it just gets sticky.

2) The meter has been dropped, but survived OK. However some of the plastic which holds the D-cell in place has broken off...I have soldered strips of copper to replace the original battery contacts, it works but the arrangement is kind of a kludge. Has anyone found a good technique to mount the D-cell and make more reliable connections? The recent topics about using an AA LiOn are interesting!

3) This might be part of question #1 & 2...If I go to the X1 Ohms scale, the meter will not calibrate to zero, even with a known-good D-cell battery measuring nearly 1.6V. On the X100 and X10000 scale, the meter pegs way to the right. So the meter movement is working but the scale/calibration is a little whacky.

Any suggestions how to bring this baby back to "new condition"? It otherwise works great, and while it cost me a weeks' pay when I bought it in 1980, it has paid for itself many times over!

Many thanks & 73

dan
k0dan

From 1oldlens1 at ix.netcom.com Tue Dec 1 21:03:38 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 1 Dec 2015 18:03:38 -0800
Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)
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Message-ID: <565E517A.80201@ix.netcom.com>

The only suggestion I can make is to be sure that the meter is not being stuck by static electricity. Rub the glass window with a fabric softener tissue of the sort sold for use in the dryer. It may help. If not you will have to open the meter movement and look for something in the gap of the coil or sticking to the scale that it catching the pointer.

Not sure about the ohm meter zeroing, I am pretty sure there is a handbook for the Simpson 260 on line. Look at the schematic and see what sort of shunt is used for the meter, it may have changed with time. Usually, there is a low value shunt of the wire wound type, these do not change but is worth checking.

I don't know what to do about the battery holder. I had a similar problem with my Triplett 630, bought used for not a lot. This is a favorite meter as your Simpson is. Long ago I thought meters like these were down market stuff meant for TV service guys. Well, they are actually quite accurate and extremely useful. I have a lot of meters but use the Triplett more than any other.

On 12/1/2015 5:02 PM, K0DAN via BoatAnchors wrote:

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<675B1D5FE71E4B75BBC9BBD357AC2FAD@K0DANHamshack>
Message-ID: <565E548B.2000101@ix.netcom.com>

I found a 260 manual at:

http://simpson260.com/downloads/simpson_260-6_and_6m_user_manual.pdf

Also see the home page at: <http://simpson260.com/downloads/downloads.htm>

Another version at:

http://lcweb2.loc.gov/master/mbrs/recording_preservation/manuals/

Simpson%20Model%20260%20Volt-Ohm-Milliammeter.pdf

You may also want to download the service manual for the AVO 8 meter, a British made VOM. This booklet has information on servicing the meter movement which is applicable to most bench meters.

<http://bama.edebris.com/manuals/avo/avo8service/>

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Richard Knoppow
1oldlens1 at ix.netcom.com
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From gumbear at pacbell.net Tue Dec 1 22:15:20 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Tue, 1 Dec 2015 19:15:20 -0800
Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)
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<675B1D5FE71E4B75BBC9BBD357AC2FAD@K0DANHamshack>
Message-ID: <95616021388140A8835AE4771458FE1D@KB6NAX>

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> scale.

Dan, I've experienced that same kind of problem with a few meters over the years. Visual inspection revealed no particles interfering with armature rotation. But I solved the problem in each case by slightly loosening the front bearing screw slightly. First I loosen the bearing until the meter is free from sticking. You will have to undress the meter so it is very vulnerable to contamination and damage from clumsiness (I know because I've ruined a couple of meters by fumbling things). Deflect the meter needle with puffs of your breath which gives you good control and eliminates the need for wires connected to the meter that will get things tangled up. Then I tighten the bearing until the meter gets sluggish and/or sticky again. Then I loosen, tighten, loosen, tighten, etc. Each time I loosen and tighten the bearing screw I make a mental note of the fractional rotation of the pivot screw until I am confident I know where the sticking occurs. Then I loosen the pivot about an eighth turn and test relentlessly until I'm confident I have the bearing adjusted correctly. To blow suspected dust out of the movement DON'T use canned air. It's too powerful and will blow the front balance spring to kingdom come. Use your own breath gently. Allow condensed moisture to evaporate before closing the meter up. Hope this helps.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From gumbear at pacbell.net Tue Dec 1 22:34:58 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Tue, 1 Dec 2015 19:34:58 -0800
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <565E40C5.6080802@ix.netcom.com>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
<565E40C5.6080802@ix.netcom.com>
Message-ID: <89E6B76121B94833902F34E6449D39E3@KB6NAX>

>Anyway, avoid early models with dark gray front
panels. A similar but less drastic bunch of redesign was done for the
200CD but most of the changes can be made to the earlier ones. The last
of them were excellent but I would also avoid those with dark gray front
panels.

That could be said about practically all of HP's test equipment during that
era. I presume that as HP's capabilities grew with experience they stepped
up their continuing improvement practices and last production variants were
virtually foolproof. But then the world changed for test equipment makers
when product life cycles became shorter to the point where designs were
obsolete before prototypes were finished. Product support engineering then
operated more like an ambulance service to save the company from business
destroying calamities. Too bad that the HP name transfigured onto the
computer world and something called Agilent followed from the rear.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From 1oldlens1 at ix.netcom.com Tue Dec 1 23:25:46 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 1 Dec 2015 20:25:46 -0800

Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)
In-Reply-To: <95616021388140A8835AE4771458FE1D@KB6NAX>
References: <183f93.223fe9e4.438ddf34@cs.com>
<675B1D5FE71E4B75BBC9BBD357AC2FAD@K0DANHamshack>
<95616021388140A8835AE4771458FE1D@KB6NAX>
Message-ID: <565E72CA.9080100@ix.netcom.com>

A good idea. Working the zero set sometimes cleans the bearing.

On 12/1/2015 7:15 PM, Arden Allen via BoatAnchors wrote:

>>The meter movement works OK, but occasionally "sticks" about
>> 1/2 scale.
>
> Dan, I've experienced that same kind of problem with a few meters over
> the years. Visual inspection revealed no particles interfering with
> armature rotation. But I solved the problem in each case by slightly
> loosening the front bearing screw slightly. First I loosen the bearing
> until the meter is free from sticking. You will have to undress the
> meter so it is very vulnerable to contamination and damage from
> clumsiness (I know because I've ruined a couple of meters by fumbling
> things). Deflect the meter needle with puffs of your breath which
> gives you good control and eliminates the need for wires connected to
> the meter that will get things tangled up. Then I tighten the bearing
> until the meter gets sluggish and/or sticky again. Then I loosen,
> tighten, loosen, tighten, etc. Each time I loosen and tighten the
> bearing screw I make a mental note of the fractional rotation of the
> pivot screw until I am confident I know where the sticking occurs.
> Then I loosen the pivot about an eighth turn and test relentlessly
> until I'm confident I have the bearing adjusted correctly. To blow
> suspected dust out of the movement DON'T use canned air. It's too
> powerful and will blow the front balance spring to kingdom come. Use
> your own breath gently. Allow condensed moisture to evaporate before
> closing the meter up. Hope this helps.
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> KB6NAX
>
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> ?Immanuel Kant
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From 1oldlens1 at ix.netcom.com Tue Dec 1 23:31:26 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 1 Dec 2015 20:31:26 -0800
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <89E6B76121B94833902F34E6449D39E3@KB6NAX>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
<565E40C5.6080802@ix.netcom.com> <89E6B76121B94833902F34E6449D39E3@KB6NAX>
Message-ID: <565E741E.5070309@ix.netcom.com>

I agree. I don't remember all the changes in instruments like the 608C/D but there were a number. OTOH, the klystron UHF generators were pretty much the same until the very late ones with solid state power supplies. The first ones were 620s and without the fan they burned up. We modified them with new cabinets with fans and replacing the burned boards and klystrons. Some Jr. designer evidently figured the heat load on the basis of overall volume and forgot it was concentrated in a couple of small places. I was told at the time that the re-design was given to an intern. The originals were designed by Art Fong and were very solid and reliable.

On 12/1/2015 7:34 PM, Arden Allen wrote:

>>Anyway, avoid early models with dark gray front
> panels. A similar but less drastic bunch of redesign was done for the
> 200CD but most of the changes can be made to the earlier ones. The last
> of them were excellent but I would also avoid those with dark gray front
> panels.

>
> That could be said about practically all of HP's test equipment during
> that era. I presume that as HP's capabilities grew with experience
> they stepped up their continuing improvement practices and last
> production variants were virtually foolproof. But then the world
> changed for test equipment makers when product life cycles became
> shorter to the point where designs were obsolete before prototypes
> were finished. Product support engineering then operated more like an
> ambulance service to save the company from business destroying
> calamities. Too bad that the HP name transfigured onto the computer
> world and something called Agilent followed from the rear.

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> Arden Allen
> KB6NAX
>

> He who is cruel to animals becomes
> hard also in his dealings with men.
> We can judge the heart of a man by
> his treatment of animals.
> ?Immanuel Kant
>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From kb8tad at gmail.com Wed Dec 2 00:07:35 2015
From: kb8tad at gmail.com (Rich Post)
Date: Wed, 2 Dec 2015 00:07:35 -0500
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <565E741E.5070309@ix.netcom.com>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
<565E40C5.6080802@ix.netcom.com>
<89E6B76121B94833902F34E6449D39E3@KB6NAX>
<565E741E.5070309@ix.netcom.com>
Message-ID: <CAEJr0FtGwScyTpW+6nrpgtcTgv0LdMiXLcgKR+SRMOTgV82RWA@mail.gmail.com>

I also found my HP-400H to suffer from a microphonic tube.but after solving that, it was/is very stable. However, if it has not been used for some time, a thorough warm up is required. I was able to trace which tube was the cause by rubbing each gently with toothbrush bristles, listening via the output terminals fed to an audio amp.

<<http://www.ohio.edu/people/poslr/bapix/HP400H.htm>>

Rich KB8TAD

--John Sehring VE6EQR-WB0EQ wrote
Tubes were to be picked for minimum microphony thusly (caution, rough stuff follows):

From 1oldlens1 at ix.netcom.com Wed Dec 2 00:36:15 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 1 Dec 2015 21:36:15 -0800
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <CAEJr0FtGwScyTpW+6nrpgtcTgv0LdMiXLcgKR+SRMOTgV82RWA@mail.gmail.com>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>

<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
<565E40C5.6080802@ix.netcom.com> <89E6B76121B94833902F34E6449D39E3@KB6NAX>
<565E741E.5070309@ix.netcom.com>
<CAEJr0FtGwScyTpw+6nirpgtcTgv0LdMiXLcgKR+SRMOTgV82RWA@mail.gmail.com>
Message-ID: <565E834F.4000108@ix.netcom.com>

FWIW, this is an example of an old meter with dark gray front panel and the old style H meter in a case that was repainted with the purple/gray paint. Since the case was repainted it must have been through an -hp- service center at some time in its life and may have been modified.

On 12/1/2015 9:07 PM, Rich Post via BoatAnchors wrote:

> I also found my HP-400H to suffer from a microphonic tube.but after solving
> that, it was/is very stable. However, if it has not been used for some
> time, a thorough warm up is required. I was able to trace which tube was
> the cause by rubbing each gently with toothbrush bristles, listening via
> the output terminals fed to an audio amp.

>

> <<http://www.ohio.edu/people/poslr/bapix/HP400H.htm>>

>

> Rich KB8TAD

>

>

> --John Sehring VE6EQR-WB0EQ wrote

> Tubes were to be picked for minimum microphony thusly (caution, rough stuff
> follows):

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

>

--

Richard Knoppow

1oldlens1 at ix.netcom.com

WB6KBL

From wb0eq at yahoo.com Wed Dec 2 00:57:33 2015

From: wb0eq at yahoo.com (John Sehring)

Date: Wed, 2 Dec 2015 05:57:33 +0000 (UTC)

Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)

References: <172844255.14155706.1449035854005.JavaMail.yahoo.ref@mail.yahoo.com>

Message-ID: <172844255.14155706.1449035854005.JavaMail.yahoo@mail.yahoo.com>

If you fancy yourself an amateur neurosurgeon, first take meter apart ever sooo

carefully.

Make sure the meter needle is parallel to the face (dial) of the meter and not dragging on the face. Ck for tiny junk in the movement area, between moving coil and surrounding magnet poles. I use vy gentle air, slender slivers of paper, masking tape to pick up junque.

I rock the movement gently in all axes and in all orientations. Use slight breath to bring the movement upscale & watch for kinks & excess friction. Let go & ck smoothness of its action on the way down. See how well the mechanical zero maintains itself.

Perhaps before putting the movement back into its case (or after), I run very low sine wave AC thru it, say 5 Hz, for exercise. I suppose you might want to input square and triangle and pink noise, too. Vary the frequency.

I use no shunt or multiplier resistor across movement. I want maximum bounce per ounce & the least electro-mechanical damping.

You want to get the meter movement really jumping but without damaging it. What you want to do is "iron the kinks out of it."

Use the DC function of the meter to let the AC signal thru.

I'll let you decide how much pointer wiggle you need, try a lot and a little. This process could take many hours if something in the meter needs a clearance to be worn in or settled, or what the British call "fitted".

I've found that d'Arsonval meter movements are surprisingly rugged.

Good luck Mr. Phelps! This email will self-destruct in 20 seconds.

--John Sehring VE6EQR-WB0EQ nr Calgary, Alberta, Canada

From arc5 at ix.netcom.com Wed Dec 2 07:38:51 2015

From: arc5 at ix.netcom.com (David Stinson)

Date: Wed, 2 Dec 2015 06:38:51 -0600

Subject: [BoatAnchors] B+ on or off?

In-Reply-To: <565D3001.5040905@ix.netcom.com>

References: <CA01yix2sX4qsX4u9tSWw8Qepu+sDHyjM+MhTBHx6Qoy5NDsoaQ@mail.gmail.com>

<565D3001.5040905@ix.netcom.com>
Message-ID: <A79A9D4CA4E14E62B13207C7059AE13E@DaddyPC>

(Copied to the mil lists for information)

Just in case anyone has a BC-474 in the stacks:
There is a B+ related design flaw in the set.
An electrolytic on the B+ lead smooths the generator
output in transmit. It's connected *after* the TX/RX
rotary switch B+ switching contact. As a result,
when one switches to TX, B+ surges to charge the
cap and sparks at the switch contact,
hot enough to vaporize some of the contact.
If continued, it will destroy the switch.
The cure is to disconnect the cap or move
the connection to the other side of the switch.

73 DE Dave AB5S

From wa1kbq at aol.com Wed Dec 2 09:06:46 2015
From: wa1kbq at aol.com (Greg Gore)
Date: Wed, 2 Dec 2015 09:06:46 -0500
Subject: [BoatAnchors] B+ on or off?
In-Reply-To: <CA01yix3rgjM8vNsK5m0ooRWqs_ZKKDkXzG0+09AS0oesWPdNVQ@mail.gmail.com>
References: <CA01yix3rgjM8vNsK5m0ooRWqs_ZKKDkXzG0+09AS0oesWPdNVQ@mail.gmail.com>
Message-ID: <8D2FB21D09AA3DF-12B8-19C7AB@webmail-vm090.sysops.aol.com>

I switch off B+ before changing bands herehere as a matter of habit and
have always wondered if it was really doing any good. I suppose there
is no harm in it and it may help you feel like you are being more
careful with the equipment.

Greg
WA1KBQ

From 1oldlens1 at ix.netcom.com Wed Dec 2 10:02:52 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Wed, 2 Dec 2015 07:02:52 -0800
Subject: [BoatAnchors] B+ on or off?
In-Reply-To: <A79A9D4CA4E14E62B13207C7059AE13E@DaddyPC>
References: <CA01yix2sX4qsX4u9tSWw8Qepu+sDHjyM+MhTBHx6Qoy5NDsoaQ@mail.gmail.com>
<565D3001.5040905@ix.netcom.com> <A79A9D4CA4E14E62B13207C7059AE13E@DaddyPC>
Message-ID: <565F081C.2040300@ix.netcom.com>

Those with RCA AR-88 receivers should know that when the function switch is put in Trans it cuts off the B+ from nearly everything in the receiver and causes it to rise to the rated voltage of the filter capacitors. I jumpered the contacts on this switch so the B+ is never cut off. If you need to mute the receiver for transmitting it can be done by means of the IF cathode return for the S-Meter. This can be arranged whether the set has an S-Meter or not(many do not).

On 12/2/2015 4:38 AM, David Stinson via BoatAnchors wrote:

> (Copied to the mil lists for information)

>

> Just in case anyone has a BC-474 in the stacks:

> There is a B+ related design flaw in the set.

> An electrolytic on the B+ lead smooths the generator output in

> transmit. It's connected *after* the TX/RX

> rotary switch B+ switching contact. As a result, when one switches to

> TX, B+ surges to charge the cap and sparks at the switch contact, hot

> enough to vaporize some of the contact. If continued, it will destroy

> the switch. The cure is to disconnect the cap or move

> the connection to the other side of the switch.

>

> 73 DE Dave AB5S

>

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

>

--

Richard Knoppow

1oldlens1 at ix.netcom.com

WB6KBL

From spr at earthlink.net Wed Dec 2 11:10:53 2015

From: spr at earthlink.net (spr at earthlink.net)

Date: Wed, 2 Dec 2015 08:10:53 -0800 (GMT-08:00)

Subject: [BoatAnchors] SIMPSON 260 (WAS Battery Replacement?)

Message-ID: <33465583.1449072654654.JavaMail.root@wamui-haziran.atl.sa.earthlink.net>

Folks,

Sometimes a small piece of magnetic debris gets in to the meter, who knows how.

IF you watch the magnetic gap, you'll see a little whisker where the debris is

across the gap and interfering with the meter coil freely moving, To remove it, get a really small jeweler's screwdriver and bring into the gap and close to the whisker, which will then stick to the screwdriver and can be removed.

Good luck and steady hands.

/scott

From gumbear at pacbell.net Wed Dec 2 11:57:18 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Wed, 2 Dec 2015 08:57:18 -0800
Subject: [BoatAnchors] My love affair with Tektronix part 2
Message-ID: <6021B23FFC9944B692FA0129B0F9EB25@KB6NAX>

I finished part 1 telling about my life long infatuation with the Tek 503. I have one on each of my three work benches, plus spares - as in the ?more the merrier?, you might say. Going back a bit, I spent the last year of my hitch in the Navy at NAS Imperial Beach next to the Mexican border doing a lot of nothing. I wasn't happy so I managed a part time job at a NASA contracted outfit building transponders for the Saturn's upcoming trip to the moon. Then one day I spent two weeks at IFF school at NAS North Island, San Diego. There I met my next Tek, a shiny new 453 that was another queen bee with no assigned job. I thought that compact jewel was awesome. Years later I managed to obtain a fixer upper 453 from a ham swap meet. It is a later production model with JFET inputs and silicon diode rectifiers in the CRT HV supply. It's only serious problem was the fan motor was dead. Dean Kidd, who passed from this world in September, sold me a NIB replacement motor (I bet he was responsible for the salvation of a lot of Tek scopes). A couple of decades after the Navy I was working in a video editing equipment maker's engineering lab where my daily tasks were performed with a 465B. It's no wonder the 465B fetches high prices on eBay, it's a scope that can do anything except recite Yankee Doodle. Much as I wanted one to just own I didn't want to mortgage my shack to get one. But researching stuff on the ?Bay revealed the militarized 465M that was not a 465B but a completely different design in a plastic box. It's near identical sibling is the 455 which shares almost all of the same parts but is only 50MHz (big difference!). But no one seems to be in love with 455's, they go for much cheaper on the Buy It Now site. So, you probably guessed it, I adopted a few and restored them. Out of six 455 ?for parts or repair? units I have four fully restored 455's that supplant my 503's when I need bandwidth beyond 450kHz. At about the same time I was at the video lab I happened into a surplus electronics store in Santa Ana, CA. There was my dream scope, a 545B, complete with plugins. The price was right because it had a little problem with its complexion. The bonding agent that affixed the edge lighted acrylic graticule window to the CRT face had turned milky white. No problem, I peeled it off, and replaced it with the conventional graticule window found on most of the 500 series scopes. A little more parallax but not a real viewing problem. After the usual treatments and calibration it worked perfectly. That monster at six amps out of the wall is not ?green? and because of it's noise and

space robbing size it?s just a museum piece for me now. But it taught me a lot about Tek vacuum tube technology.

One might surmise that with all my Tek scopes over the years what did I use to maintain them? I keep them up to snuff using a chopper, DC supply and DVM to supply precision square waves for gain calibration, A Tek 104 for sweep time calibration, and a Tek 106 for attenuator compensation adjustments. You gotta have the kit is you wanna do the shit!

Arden Allen
KB6NAX

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hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From wa5jci at basicisp.net Wed Dec 2 13:07:52 2015
From: wa5jci at basicisp.net (Spencer Petri)
Date: Wed, 02 Dec 2015 12:07:52 -0600
Subject: [BoatAnchors] Corporate engineering
In-Reply-To: <565E741E.5070309@ix.netcom.com>
References: <894809772.13786060.1449015638283.JavaMail.yahoo.ref@mail.yahoo.com>
<894809772.13786060.1449015638283.JavaMail.yahoo@mail.yahoo.com>
<565E40C5.6080802@ix.netcom.com>
<89E6B76121B94833902F34E6449D39E3@KB6NAX>
<565E741E.5070309@ix.netcom.com>
Message-ID: <20151202100753.28327705@m0089763.ppops.net>

At 10:31 PM 12/1/2015, Richard Knoppow via BoatAnchors wrote:
> I agree. I don't remember all the changes in instruments like
> the 608C/D but there were a number.

I have several 608s but the one I use is a 608F, it has a varactor in the oscillator and works with an auxiliary unit to phase lock the output. This makes the 608F rock solid. Both are rack mounted which adds to the "mad scientist" look. It is one of the Dallas sidewalk "rescues" for the sum of \$5 but I don't recall the price of the phase lock unit for sure but I think \$20 and it took a while to find one of'em in good condition.

de Pete WA5JCI

From wb0eq at yahoo.com Wed Dec 2 19:08:27 2015
From: wb0eq at yahoo.com (John Sehring)
Date: Thu, 3 Dec 2015 00:08:27 +0000 (UTC)
Subject: [BoatAnchors] R-4C PTO stability
References: <2042226764.14424906.1449101307174.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <2042226764.14424906.1449101307174.JavaMail.yahoo@mail.yahoo.com>

The Drake PTO can run at 5.0 MHz. Has anybody thought to listen to beat note of combo of PTO output and at same time WWV 5.0 MHz on an HF receiver??

Place the beat note into the audible range to hear it. Also, can use well calibrated audio oscillator to characterize the frequency of the beat and plot the changes of it. Freq counter on output of receiver could also be used.

--John Sehring VE6EQR-WB0EQ nr Calgary, Alberta, Canada

From dave at horsfall.org Thu Dec 3 00:34:57 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Thu, 3 Dec 2015 16:34:57 +1100 (EST)
Subject: [BoatAnchors] O'Scope primer
In-Reply-To: <002d01d12958\$abb37220\$031a5660\$@bigpond.net.au>
References: <0DEBF1C8D8437248BE53CD4213B89BD323009E8E@ISUEMBX02.ad.ilstu.edu>
<002d01d12958\$abb37220\$031a5660\$@bigpond.net.au>
Message-ID: <alpine.BSF.2.11.1512031629500.27895@aneurin.horsfall.org>

On Sat, 28 Nov 2015, Morris Odell via BoatAnchors wrote:

> Scopes are also very attractive to the younger crowd. My 12 year old
> daughter Anna has temporarily taken possession of my 556 dual beam scope
> and is using it with a physics book she is reading for school. An HP
> signal generator and Tektronix Time Mark generator have also disappeared
> from the "basement lab" courtesy of my daughter :)

Nurture her; she is the way of the future.

I did my damndest to get my kids interested in radio etc, but they got swayed by those hand-held telephone thingies.

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From 1oldlens1 at ix.netcom.com Thu Dec 3 00:44:42 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Wed, 2 Dec 2015 21:44:42 -0800
Subject: [BoatAnchors] O'Scope primer

In-Reply-To: <alpine.BSF.2.11.1512031629500.27895@aneurin.horsfall.org>
References: <0DEBF1C8D8437248BE53CD4213B89BD323009E8E@ISUEMBX02.ad.ilstu.edu>
<002d01d12958\$abb37220\$031a5660\$@bigpond.net.au>
<alpine.BSF.2.11.1512031629500.27895@aneurin.horsfall.org>
Message-ID: <565FD6CA.8080806@ix.netcom.com>

My first serious construction project was a Heathkit 3" scope. I don't remember where I first saw an oscilloscope, on TV maybe, but it absolutely fascinated me. I may still have that scope in storage but couldn't find it when I looked. I used it as a modulation monitor on my first rig since it had a direct plate input and would work at RF. I wonder where your daughter will wind up; she is on the road to a Phd.

On 12/2/2015 9:34 PM, Dave Horsfall via BoatAnchors wrote:

> On Sat, 28 Nov 2015, Morris Odell via BoatAnchors wrote:

>

>> Scopes are also very attractive to the younger crowd. My 12 year old
>> daughter Anna has temporarily taken possession of my 556 dual beam scope
>> and is using it with a physics book she is reading for school. An HP
>> signal generator and Tektronix Time Mark generator have also disappeared
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>

> I did my damndest to get my kids interested in radio etc, but they got
> swayed by those hand-held telephone thingies.

>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From arc5 at ix.netcom.com Thu Dec 3 07:26:02 2015

From: arc5 at ix.netcom.com (David Stinson)

Date: Thu, 3 Dec 2015 06:26:02 -0600

Subject: [BoatAnchors] ARC-5 history question

In-Reply-To: <CAEJr0Fsi0y8ubjafTh5Z1+0jw0QCHVDnQaf2gxVa=HKk164exA@mail.gmail.com>

References: <CAEJr0Fsi0y8ubjafTh5Z1+0jw0QCHVDnQaf2gxVa=HKk164exA@mail.gmail.com>

Message-ID: <B6C294F4593445F8B04B6BFB2F746AF7@DaddyPC>

From: "Rich Post via BoatAnchors" <boatanchors at theporch.com>

Subject: [BoatAnchors] ARC-5 history question

> Somewhere in the past I recall reading that when Aircraft Radio

> Corp showed

> their prototypes of what would become the ARA and ATA and
> eventually the
> SCR-274N and ARC-5 sets to the Navy, another much larger
> company also vying
> for the contract, upon seeing the very compact yet powerful
> command
> transmitters and receivers didn't even bother to show their own
> prototypes.

Sorry I missed this earlier, Rich. Better late....
The original quote was about GE fainting when their
SCR-287 Liaison set was compared to the ARC-5.
Like most of the quotes from those books the story
is false, likely passed along by word-of-mouth
and originating with some old fart on 75M AM
in 1951 or so.

No service would run comparison tests between
a Command set and a Liaison set. They would be
pointless; the sets served two different missions.
And no one spends the time and money to
develop a Command set and walks away without
even a demonstration. Lots of sets were bought
in small numbers if only to "scratch the back" of
a contractor in a Congressman's district.

Just about anything written in these books
or magazine articles even today is suspect.
There's been a lot of apocryphal stuff repeated
and repeated over the years.

73 Dave S.

From kb8tad at gmail.com Thu Dec 3 11:13:50 2015
From: kb8tad at gmail.com (Rich Post)
Date: Thu, 3 Dec 2015 11:13:50 -0500
Subject: [BoatAnchors] ARC-5 history question
In-Reply-To: <B6C294F4593445F8B04B6BFB2F746AF7@DaddyPC>
References: <CAEJr0Fsi0y8ubjafTh5Z1+0jw0QCHVDnQaf2gxVa=HKk164exA@mail.gmail.com>
<B6C294F4593445F8B04B6BFB2F746AF7@DaddyPC>
Message-ID: <CAEJr0Fukqg_vNSJ4nMw90j9b7Q5pHr0082Jjas3NHmMzqprUPQ@mail.gmail.com>

OK, I placed it in the rumor category although I thought it was written by
W6SAI (Bill Orr), a very knowledgeable writer not necessarily given to
rumor mongering.

73 de Rich KB8TAD

On Thu, Dec 3, 2015 at 7:26 AM, David Stinson via BoatAnchors <boatanchors at theporch.com> wrote:

> From: "Rich Post via BoatAnchors" <boatanchors at theporch.com>
> Subject: [BoatAnchors] ARC-5 history question
>
>
> Somewhere in the past I recall reading that when Aircraft Radio Corp showed
>> their prototypes of what would become the ARA and ATA and eventually the
>> SCR-274N and ARC-5 sets to the Navy, another much larger company also
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>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From kb8tad at gmail.com Thu Dec 3 11:23:39 2015
From: kb8tad at gmail.com (Rich Post)
Date: Thu, 3 Dec 2015 11:23:39 -0500
Subject: [BoatAnchors] ARC-5 history question
In-Reply-To: <CAEJr0Fukqg_vNSJ4nMw90j9b7Q5pHr0082Jjas3NHmMzqprUPQ@mail.gmail.com>
References: <CAEJr0Fsi0y8ubjafTh5Z1+0jw0QCHVDnQaf2gxVa=HKk164exA@mail.gmail.com>
<B6C294F4593445F8B04B6BFB2F746AF7@DaddyPC>
<CAEJr0Fukqg_vNSJ4nMw90j9b7Q5pHr0082Jjas3NHmMzqprUPQ@mail.gmail.com>
Message-ID: <CAEJr0FvXiY3eSM_opEBRAhcPM2njFf1AhhwySU9CU65DFaWB8Q@mail.gmail.com>

The army adopted the Navy ARA, ATA as the SCR-274N. What else did they look at before adopting the Navy command set and could that have been the source of the rumor??

(Mea culpa for not clipping the size of the previous quote)

Rich KB8TAD

On Thu, Dec 3, 2015 at 11:13 AM, Rich Post <kb8tad at gmail.com> wrote:

> OK, I placed it in the rumor category although I thought it was written by
> W6SAI (Bill Orr),
>

From w7qho at aol.com Thu Dec 3 11:39:01 2015
From: w7qho at aol.com (Dennis DuValll)
Date: Thu, 3 Dec 2015 08:39:01 -0800
Subject: [BoatAnchors] ARC-5 history question
In-Reply-To: <CAEJr0Fukqg_vNSJ4nMw90j9b7Q5pHr0082Jjas3NHmMzqprUPQ@mail.gmail.com>
References: <CAEJr0Fsi0y8ubjafTh5Z1+0jw0QCHVDnQaf2gxVa=HKk164exA@mail.gmail.com>
<B6C294F4593445F8B04B6BFB2F746AF7@DaddyPC>
<CAEJr0Fukqg_vNSJ4nMw90j9b7Q5pHr0082Jjas3NHmMzqprUPQ@mail.gmail.com>
Message-ID: <AB308D90-9095-40E2-9E4E-6C32A60F4157@aol.com>

The statement appears on page 24 of the 1960 CQ "Surplus Schematics Handbook" by Ken Grayson, W2HDM.

Dennis D. W7QH0
Glendale, CA

> On Dec 3, 2015, at 8:13 AM, Rich Post via BoatAnchors <boatanchors at theporch.com> wrote:
>

> OK, I placed it in the rumor category although I thought it was written by
> W6SAI (Bill Orr), a very knowledgeable writer not necessarily given to
> rumor mongering.
>
> 73 de Rich KB8TAD
>
> On Thu, Dec 3, 2015 at 7:26 AM, David Stinson via BoatAnchors <
> boatanchors at theporch.com> wrote:
>
>> From: "Rich Post via BoatAnchors" <boatanchors at theporch.com>
>> Subject: [BoatAnchors] ARC-5 history question
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>>
>> Somewhere in the past I recall reading that when Aircraft Radio Corp showed
>>> their prototypes of what would become the ARA and ATA and eventually the
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>> or magazine articles even today is suspect.
>> There's been a lot of apocryphal stuff repeated
>> and repeated over the years.
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>> 73 Dave S.
>>
>>
>> -----

```
>> BoatAnchors mailing list
>> BoatAnchors at theporch.com
>> https://minime.theporch.com/mailman/listinfo/boatanchors
>>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> https://minime.theporch.com/mailman/listinfo/boatanchors
```

From ddillman at igc.org Thu Dec 3 22:17:49 2015
From: ddillman at igc.org (Richard Dillman)
Date: Thu, 3 Dec 2015 19:17:49 -0800 (GMT-08:00)
Subject: [BoatAnchors] MRHS Newsletter No. 53 - Mini Night of Nights Report
Message-ID: <3467620.1449199069137.JavaMail.root@mswamui-andean.atl.sa.earthlink.net>

Available at:

<http://tinyurl.com/neg96q7>

RD

```
=====
Richard Dillman, T2-GB-061170
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
http://www.radiomarine.org
=====
```

From galasphere at telus.net Mon Dec 7 15:16:48 2015
From: galasphere at telus.net (galasphere at telus.net)
Date: Mon, 7 Dec 2015 12:16:48 -0800
Subject: [BoatAnchors] ***JUNK MAIL*** Fw: new message
Message-ID: <0000dae24eca\$b6ba15a7\$aaa9f94f\$@telus.net>

Hello!

New message, please read <<http://kabelxusa.com/alone.php?2jr>>

galasphere at telus.net

From whitebear1122 at comcast.net Mon Dec 7 22:17:20 2015
From: whitebear1122 at comcast.net (Whitebear1122)
Date: Mon, 7 Dec 2015 21:17:20 -0600
Subject: [BoatAnchors] Drake FS-4 Frequency Synthesizer
References: <A7F62D22-A950-47AE-972A-6409CB9CC0D4@comcast.net>
Message-ID: <E7237799-6633-484A-A4E6-7F0FBB816763@comcast.net>

>>> For Sale: Drake FS-4 frequency synthesizer. This is from my radio shack so it's clean and smells good. In my personal opinion, the FS-4 is in excellent physical and operational condition. I've been using it with my 4C line and it works well. Original knobs are clean, front panel looks like new, cabinet with original finish in excellent clean and bright condition, a few light scratches on the left and right side, no corrosion, non smoking shack. Other than the scratches, the FS-4 probably looked like this the day it left the factory. Asking \$400 plus shipping. Email for photos.

>>>

>>> Thanks. 73, Scott WA9WFA in Saint Paul MN

From navy.radio at gmail.com Thu Dec 10 12:24:29 2015
From: navy.radio at gmail.com (Nick England)
Date: Thu, 10 Dec 2015 12:24:29 -0500
Subject: [BoatAnchors] pdf manual schematic foldouts
Message-ID: <CAB55hNcPPR0ivrcOyWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>

FWIW thoughts spurred by a recent exchange -

A couple of useful things I have found for foldout pages in pdf -

- 1) Put the file on a thumb drive and you can print the foldouts at full size (or larger) at FedEx Office - they charge by the square foot. My local FedEx locations now have a printer+scanner that'll handle 36" wide by any length. I've scanned and printed some very large blueprints lately.
- 2) You can print a single foldout pdf onto multiple 8.5x11 pages using the "Poster" option when printing from Acrobat - that allows you to set an overlap so you can then tape them all together.

If you are on the scanning side -

- 1) You can use the FedEx Office scanner (remember to take a thumb drive) - I have gotten good results from foldout prints as well as blueline drawings.
- 2) If you have a lot of foldouts to do, watch for a good Fujitsu fi-5530C scanner on eBay. I got one for about \$100 + shipping (used, working, complete) and it'll handle up to 11x34 foldouts.

From gumbear at pacbell.net Thu Dec 10 15:22:28 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Thu, 10 Dec 2015 12:22:28 -0800
Subject: [BoatAnchors] pdf manual schematic foldouts
In-Reply-To: <CAB55hNcPPR0ivrc0yWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>
References: <CAB55hNcPPR0ivrc0yWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>
Message-ID: <D226A7176A6C48168F7EC85EB59038A5@KB6NAX>

> A couple of useful things I have found for foldout pages in pdf -
>

The more common problem I encounter is needing to zoom pages to make things readable without having to resort to a magnifying glass. I use Adobe Reader which allows continuously variable zoom. I usually zoom the page in landscape mode to fill the width with visible information, print the "current view" of the first visible portion of the page and then scroll the page to print more of the page with about 10-20% overlaps until I've printed the whole page. I then trim and tape the sheets until I have one foldable page in portrait orientation, being careful to make sure the first fold is tape free at 8.5 inches. I three hole punch the document pages and put them into a ring binder for easy bench handling. When done working with the document I file it in one of several four inch wide binders I have my manuals collection in.

I've often thought of getting a tablet computer and working from that to eliminate the time consuming task of making paper manuals but the ease of marking up a paper document with important notes and corrections can't be beat, IMO.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From 1oldlens1 at ix.netcom.com Thu Dec 10 15:59:26 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Thu, 10 Dec 2015 12:59:26 -0800
Subject: [BoatAnchors] pdf manual schematic foldouts
In-Reply-To: <D226A7176A6C48168F7EC85EB59038A5@KB6NAX>
References: <CAB55hNcPPR0ivrc0yWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>
<D226A7176A6C48168F7EC85EB59038A5@KB6NAX>
Message-ID: <5669E7AE.60902@ix.netcom.com>

The problem I have with any sort of complex schematic on a computer screen is tracing wiring. I often have a couple of large schematics printed by some office supply place and use colored pencils or highlighters to trace wiring through switches, etc. It can be very helpful. I keep one clean copy folded into the printed out handbook.

your suggestions on printing large copies at home are helpful but if I can get something in one piece to begin with I prefer it. Sometimes I must resort to the trimming and taping method, such as with the large schematics in the military depot manuals for the SP-600 where they were scanned in sections.

On 12/10/2015 12:22 PM, Arden Allen via BoatAnchors wrote:

>> A couple of useful things I have found for foldout pages in pdf -

>>

>

> The more common problem I encounter is needing to zoom pages to make
> things readable without having to resort to a magnifying glass. I use
> Adobe Reader which allows continuously variable zoom. I usually zoom
> the page in landscape mode to fill the width with visible information,
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> Arden Allen

> KB6NAX

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> ?Immanuel Kant

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From universal_comm at reagan.com Thu Dec 10 17:28:31 2015
From: universal_comm at reagan.com (Raymond Cote)
Date: Thu, 10 Dec 2015 16:28:31 -0600
Subject: [BoatAnchors] pdf manual schematic foldouts
In-Reply-To: <D226A7176A6C48168F7EC85EB59038A5@KB6NAX>
References: <CAB55hNcPPR0ivrc0yWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>
<D226A7176A6C48168F7EC85EB59038A5@KB6NAX>
Message-ID: <90E5554F-79A4-44D5-BE35-A51DF3A8694C@reagan.com>

Great recommendation Arden. I'll give it a try for song going mark-up schematics for my R-390A projects.

EX Submarine navigator
EX Oceanographer, Univ of Hawaii
EX Instrument builder, Hawaii Inst of Geophysics-For Underwater volcanoes and seismology

Present Ham kd9ccz
Present radio Phone lic #PG-21-3809
retired and running a farm

Sent from my iPhone wireless thingy

On Dec 10, 2015, at 2:22 PM, Arden Allen via BoatAnchors <boatanchors at theporch.com> wrote:

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>

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> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From navy.radio at gmail.com Thu Dec 10 18:23:07 2015

From: navy.radio at gmail.com (Nick England)

Date: Thu, 10 Dec 2015 18:23:07 -0500

Subject: [BoatAnchors] pdf manual schematic foldouts

In-Reply-To: <D226A7176A6C48168F7EC85EB59038A5@KB6NAX>

References: <CAB55hNcPPR0ivrc0yWXkpD2vQG1-83vQB-wEQf83Vvy1+3syyw@mail.gmail.com>
<D226A7176A6C48168F7EC85EB59038A5@KB6NAX>

Message-ID: <CAB55hNemwnQToQ80E+UH9-dvsaC7tYoFUhYy=QsXBJ+OWRtNZQ@mail.gmail.com>

I believe that the "poster" print function in Adobe Acrobat Reader can automate this -you can enlarge a pdf page by, say, 400% and it'll print all the pages with whatever overlap you specify. It'll even print cut marks for reassembly.

I have no Adobe stock, just finally pleased to discover a new version of software that actually makes life easier.

Nick

On Thursday, December 10, 2015, Arden Allen <gumbear at pacbell.net> wrote:

> A couple of useful things I have found for foldout pages in pdf -

>>

>>

>

> The more common problem I encounter is needing to zoom pages to make

> things readable without having to resort to a magnifying glass. I use

> Adobe Reader which allows continuously variable zoom. I usually zoom the

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> with the document I file it in one of several four inch wide binders I have
> my manuals collection in.

>
>
>

--

Nick England K4NYW
www.navy-radio.com

From arc5 at ix.netcom.com Fri Dec 11 11:43:26 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Fri, 11 Dec 2015 10:43:26 -0600
Subject: [BoatAnchors] Water, Water Everywhere.
Message-ID: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>

Many of our beloved old radios have been sitting, cold
and quiet for many decades.

Some of them getting close to a century.

Recently, I've been dealing with bakelite and phenolic
in our sets which have taken-up moisture over the
years. Right now on the bench I have a TCS
receiver in which one of the pins of Z202, an IF
transformer, is leaking B+ to ground through
the phenolic. Pulling an IF from a TCS is a pain
but do-able.

So may we discuss ways to gently drive moisture
from our sets? I can "get rough" in the stove with
those bakelite inserts in WWII radio connectors but
that won't do for a whole set. I've tried powering
just the filaments and leaving a set for a couple of
days but I don't think they get hot enough to do much
good. Heat lamps can do some damage.

What have you done? I'm thinking of light bulbs
with the radio in a thick cardboard box, *outside* in
case the box decides to catch fire or something.

73 Dave AB5S

From wb3fau55 at neo.rr.com Fri Dec 11 18:35:40 2015
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)

Date: Fri, 11 Dec 2015 18:35:40 -0500
Subject: [BoatAnchors] Water, Water Everywhere.
In-Reply-To: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>
Message-ID: <20151211233540.BZJR9.162404.root@cdptpa-web05>

Dave, use a heat lamp or flood lamp. Don't put it in a cardboard box, it could get too hot and burn. Perhaps a thermosensor to shut the heat on and off. The bakelite should not distort from the heat. There may be carbon tracking where that pin goes thru the insulator, you may have to remove the can. 73s Russ.

---- David Stinson via BoatAnchors <boatanchors at theporch.com> wrote:

> Many of our beloved old radios have been sitting, cold
> and quiet for many decades.
> Some of them getting close to a century.
> Recently, I've been dealing with bakelite and phenolic
> in our sets which have taken-up moisture over the
> years. Right now on the bench I have a TCS
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> transformer, is leaking B+ to ground through
> the phenolic. Pulling an IF from a TCS is a pain
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> So may we discuss ways to gently drive moisture
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> those bakelite inserts in WWII radio connectors but
> that won't do for a whole set. I've tried powering
> just the filaments and leaving a set for a couple of
> days but I don't think they get hot enough to do much
> good. Heat lamps can do some damage.
> What have you done? I'm thinking of light bulbs
> with the radio in a thick cardboard box, *outside* in
> case the box decides to catch fire or something.
>
> 73 Dave AB5S
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From wwatson5 at sbcglobal.net Sat Dec 12 00:35:56 2015
From: wwatson5 at sbcglobal.net (William Watson)
Date: Sat, 12 Dec 2015 05:35:56 +0000 (UTC)
Subject: [BoatAnchors] WRL Globe Champion 300A
References: <949464312.80533.1449898556785.JavaMail.yahoo.ref@mail.yahoo.com>
Message-ID: <949464312.80533.1449898556785.JavaMail.yahoo@mail.yahoo.com>

I have a WRL Globe Champion 300A transmitter that is taking up too much space and is too heavy. I checked earlier to see if anyone was interested in it.? I am now considering reducing it to parts.? Is anyone interested in something it has--- modulation transformer, power transformer, etc.? Let me know if you want any or all of it.

JoeW5WBR

From 1oldlens1 at ix.netcom.com Sat Dec 12 00:59:37 2015

From: 1oldlens1 at ix.netcom.com (Richard Knoppow)

Date: Fri, 11 Dec 2015 21:59:37 -0800

Subject: [BoatAnchors] WRL Globe Champion 300A

In-Reply-To: <949464312.80533.1449898556785.JavaMail.yahoo@mail.yahoo.com>

References: <949464312.80533.1449898556785.JavaMail.yahoo.ref@mail.yahoo.com>

<949464312.80533.1449898556785.JavaMail.yahoo@mail.yahoo.com>

Message-ID: <566BB7C9.8090304@ix.netcom.com>

Why doesn't anyone who lives close to me ever offer stuff.

On 12/11/2015 9:35 PM, William Watson via BoatAnchors wrote:

> I have a WRL Globe Champion 300A transmitter that is taking up too much space and is too heavy. I checked earlier to see if anyone was interested in it. I am now considering reducing it to parts. Is anyone interested in something it has--- modulation transformer, power transformer, etc.? Let me know if you want any or all of it.

> JoeW5WBR

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

--

Richard Knoppow

1oldlens1 at ix.netcom.com

WB6KBL

From k1lky68 at gmail.com Sat Dec 12 12:14:12 2015

From: k1lky68 at gmail.com (Roy Morgan)

Date: Sat, 12 Dec 2015 12:14:12 -0500

Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was: about BA amp metering]

In-Reply-To: <001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>

References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>

<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>

<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>

Message-ID: <B91530AB-123F-423C-AA20-F362EB127220@gmail.com>

On Dec 12, 2015, at 2:21 AM, Brian KA9EGW <ka9egw at ka9egw.com> wrote:

> ... a to-be-added 100 milliohm meter shunt

Brian,

In case your junky box is not replete with 100 milliohm shunts, you can make one with a random resistor and a short length of 22 gauge wire, such as from household telephone wire.

One wire table at:

http://www.powerstream.com/Wire_Size.htm

shows 16.14 ohms per 1000 feet -> 0.016 ohms per foot. So $0.100 / 0.016 = 6.25$ feet = 7 1/2 inches.

One way to check the correctness of a shunt is to install it in the transmitter, with the meter, wiring, and switching in place and make a source of appropriate current, measured with a DMM, or to be period about it, your Simpson 260. The voltage source could be a flashlight battery and variable resistor of appropriate value. Check for full scale reading and adjust the shunt wire length to suit.

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From k1lky68 at gmail.com Sat Dec 12 14:45:01 2015

From: k1lky68 at gmail.com (Roy Morgan)

Date: Sat, 12 Dec 2015 14:45:01 -0500

Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was: about BA amp metering]

In-Reply-To: <566C6A7D.2000508@securespeed.us>

References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>

<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>

<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>

<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>

<566C6A7D.2000508@securespeed.us>

Message-ID: <0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>

On Dec 12, 2015, at 1:42 PM, Larry Szendrei <ne1s at securespeed.us> wrote:

> Good post, Roy; one correction: $0.100 \text{ ohms} / 0.016 \text{ ohms per foot} = 6.25$ feet of wire (not 0.625).

>
> I don't think you can fit that on a 1/4 watt resistor ;-)

Larry,

Thanks for catching the error! (I should have checked my arithmetic more closely.)

Right, 6 and a half feet of wire won't fit on any common resistor. I guess we should look for some nichrome wire then. I wonder if a discarded toaster might yield some suitable material.

Come to think of it, there might be some 0.1 ohm resistors here - though they might be 5 watt size wire wounds, and not of any precision.

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From gumbear at pacbell.net Sat Dec 12 15:50:01 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Sat, 12 Dec 2015 12:50:01 -0800
Subject: [BoatAnchors] Home made shunt resistors
In-Reply-To: <0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>
<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>
<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>
<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>
<566C6A7D.2000508@securespeed.us>
<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
Message-ID: <210E3CAB49F24EE6B172F21B03DF2ACE@KB6NAX>

>Come to think of it, there might be some 0.1 ohm resistors here -
> though they might be 5 watt size wire wounds, and not of any precision.

A good source for resistance wire is those sand box resistors common in consumer junk. A good whack (or more) with a hammer and you have a naked wire wound resistor to rob of its resistance wire.

Arden Allen
KB6NAX

He who is cruel to animals becomes

hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From dave at horsfall.org Sat Dec 12 16:02:50 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Sun, 13 Dec 2015 08:02:50 +1100 (EST)
Subject: [BoatAnchors] Water, Water Everywhere.
In-Reply-To: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>
References: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>
Message-ID: <alpine.BSF.2.11.1512130759550.54942@aneurin.horsfall.org>

On Fri, 11 Dec 2015, David Stinson via BoatAnchors wrote:

[...]

> What have you done? I'm thinking of light bulbs with the radio in a
> thick cardboard box, *outside* in case the box decides to catch fire or
> something.

I've dried out a cellular phone that was dropped down a toilet by pulling
it apart and leaving it on top of a hot-water heater for a few days.
When she dropped it again, I dried it out as usual and returned it inside
a condom; she never dropped it again.

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From wa5jci at basicisp.net Sat Dec 12 18:16:41 2015
From: wa5jci at basicisp.net (Spencer Petri)
Date: Sat, 12 Dec 2015 17:16:41 -0600
Subject: [BoatAnchors] Water, Water Everywhere.
In-Reply-To: <alpine.BSF.2.11.1512130759550.54942@aneurin.horsfall.org>
References: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>
<alpine.BSF.2.11.1512130759550.54942@aneurin.horsfall.org>
Message-ID: <20151212151637.97495153@m0089763.ppops.net>

I once dropped my cell phone in a creek and had to dive for it, after
pulling off the battery as fast as I could I dried it with a towel
and shook out the water. I sat it on the top vent of my flat screen
TV for a few days and it worked perfectly after that.

In another life I worked in a Motorola shop and we would get radios
out of Louisiana after they were flooded, take them to a car wash and

then let them cook in the hot Texas sun for a week or so. It was always amazing how little damage they had suffered.

de Pete WA5JCI

From gumbear at pacbell.net Sat Dec 12 21:10:02 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Sat, 12 Dec 2015 18:10:02 -0800
Subject: [BoatAnchors] Water, Water Everywhere.
In-Reply-To: <20151212151637.97495153@m0089763.pops.net>
References: <3089D51372DA463190FD46D8E7131E3B@DaddyPC>
<alpine.BSF.2.11.1512130759550.54942@aneurin.horsfall.org>
<20151212151637.97495153@m0089763.pops.net>
Message-ID: <AE4C357142994476AC59118079281A88@KB6NAX>

>In another life I worked in a Motorola shop and we would get
> radios
out of Louisiana after they were flooded, take them to a car wash and
then let them cook in the hot Texas sun for a week or so. It was
always amazing how little damage they had suffered. ...

That works as well as it does because of the low voltages in sand state gear. Not so well with tube gear unless it gets a really good cooking, like being in the Texas sun for a few days. Remember, power transformers are like sponges. They soak up water and don't give it up easily. I know, I ruined a Dressen Barnes lab power supply by dunking it and then not drying it properly, (back before I had my head out in the warming sunshine).

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From kb8tad at gmail.com Sun Dec 13 00:21:58 2015
From: kb8tad at gmail.com (Rich Post)
Date: Sun, 13 Dec 2015 00:21:58 -0500
Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:
about BA amp metering]
In-Reply-To: <0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>

References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>

<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>

<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>

<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>

<566C6A7D.2000508@securespeed.us>

<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>

Message-ID: <CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>

I use the nichrome from a hair dryer for this purpose. Also makes for nice dummy load for audio amps. Use a barrier strip if needed since nichrome doesn't like solder. The hair dryers I buy have the ALCI plug and cord which is great for adding a bit of safety to AC-DC sets.

Rich KB8TAD

On Sat, Dec 12, 2015 at 2:45 PM, Roy Morgan via BoatAnchors <boatanchors at theporch.com> wrote:

> >

> > I guess we should look for some nichrome wire then. I wonder if a
> discarded toaster might yield some suitable material.

>

>

From gumbear at pacbell.net Sun Dec 13 01:21:14 2015

From: gumbear at pacbell.net (Arden Allen)

Date: Sat, 12 Dec 2015 22:21:14 -0800

Subject: [BoatAnchors] [was: about BA amp metering]

In-Reply-To: <CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>

References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>

<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>

<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>

<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>

<566C6A7D.2000508@securespeed.us>

<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>

<CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>

Message-ID: <07B4386633CE400AB18A24768D58B643@KB6NAX>

>I use the nichrome from a hair dryer for this purpose. ...

Great idea! There's a plentiful supply of hair dryers for next to nothing at your local thrift shop.

Use a binding post, the kind with a hole through the threaded post, on one end of the nichrome wire to fine adjust your shunt.

Arden Allen

KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From arc5 at ix.netcom.com Sun Dec 13 07:12:24 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 06:12:24 -0600
Subject: [BoatAnchors] Time Again for My Yearly Excuse-Making.
Message-ID: <51382FB0BB3E40A0A855AA5D5E03A360@DaddyPC>

"Christmas Time is here...." and that means it's time
once again for my yearly excuse-making.

Getting older every year and as that sneaking SOB,
Father Time, takes his due, more and more things
fall out of my ears. I live a very busy life- too busy.
That and the effects of long-term diabetes means
that I sometimes forget things.
It's scary but all one can do is compensate,
which is why I write this every year.
It's payed-off more than once.

I don't intentionally do anyone dirty.
Well.... No one reading this, anyways ;-D
But I do sometimes forget something I've said
I would send or do. If I have forgotten something
I was supposed to send you or do for you,
please write me a reminder. I take especial care
and print these out so I know they get done.

All the best in the coming year,
GL OM ES 73 DE Dave AB5S

From infomet at embarqmail.com Sun Dec 13 08:24:19 2015
From: infomet at embarqmail.com (Wilson)
Date: Sun, 13 Dec 2015 08:24:19 -0500
Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:about
BA amp metering]
In-Reply-To: <0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>

<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>
<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>
<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>
<566C6A7D.2000508@securespeed.us>
<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
Message-ID: <0FCFE9BCBEB54CC58AE3B5D65327C17F@WilsonPC>

Wire way too big. Use a strand or two from some small stranded wire.
WL

-----Original Message-----

From: Roy Morgan
Sent: Saturday, December 12, 2015 2:45 PM
To: BoatAnchors ; Glowbugs
Subject: Re: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:about
BA amp metering]

On Dec 12, 2015, at 1:42 PM, Larry Szendrei <ne1s at securespeed.us> wrote:

> Good post, Roy; one correction: $0.100 \text{ ohms} / 0.016 \text{ ohms per foot} = 6.25 \text{ feet}$
> of wire (not 0.625).
>
> I don't think you can fit that on a 1/4 watt resistor ;-)

Larry,

Thanks for catching the error! (I should have checked my arithmetic more closely.)

Right, 6 and a half feet of wire won't fit on any common resistor. I guess we should look for some nichrome wire then. I wonder if a discarded toaster might yield some suitable material.

Come to think of it, there might be some 0.1 ohm resistors here - though they might be 5 watt size wire wounds, and not of any precision.

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From anchor at ec.rr.com Sun Dec 13 09:53:29 2015

From: anchor at ec.rr.com (Al Parker)
Date: Sun, 13 Dec 2015 09:53:29 -0500
Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:
about BA amp metering]
In-Reply-To: <CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>
References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>
<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>
<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>
<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>
<566C6A7D.2000508@securespeed.us>
<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
<CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>
Message-ID: <566D8669.40404@ec.rr.com>

Hi Rich,

Thanks for this tip, I wasn't aware of the ALCI plug, tho' I've seen them and have at least 1 in the house.

I'm about to get into an S-38C for a friend, it'll get one for her future safety.

73,

Al, W8UT

www.boatanchors.org

www.hammarlund.info

"There is nothing -- absolutely nothing -- half so much worth doing as simply messing about in boats"

Ratty, to Mole

On 12/13/2015 12:21 AM, Rich Post via BoatAnchors wrote:

>

The hair dryers I buy have the ALCI plug and cord
> which is great for adding a bit of safety to AC-DC sets.

>

> Rich KB8TAD

>

From johnmb at nc.rr.com Sun Dec 13 10:05:52 2015

From: johnmb at nc.rr.com (John Brewer)

Date: Sun, 13 Dec 2015 07:05:52 -0800

Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer
[was:about BA amp metering]

Message-ID: <bw2ctdv7u9k6y9nokohl3m7.1450019152106@email.android.com>

I have access to some resistance wire that if be glad to share a few feet with anyone. Ill have access to it in about a weekif you can wait. I think I found some

0.1 ohm resistors in my stash when I conveyed a Denton all and needed a shunt.

Merry Christmas
John K5mo

From nemozilch at gmail.com Sun Dec 13 11:18:29 2015
From: nemozilch at gmail.com (nemo zilch)
Date: Sun, 13 Dec 2015 11:18:29 -0500
Subject: [BoatAnchors] Low value shunt resistors
Message-ID: <CA03hnUKyae8fX=iJFGLzGFRojW-_gKr+0uxzVKFfo12aMDjcuQ@mail.gmail.com>

Mouser has a good selection. Not very expensive either. I am currently using a 0.025 Ohm one I got from them.
Bob W4AOS

--

=====

From spr at earthlink.net Sun Dec 13 12:17:32 2015
From: spr at earthlink.net (Scott Robinson)
Date: Sun, 13 Dec 2015 09:17:32 -0800
Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:about BA amp metering]
In-Reply-To: <0FCFE9BCBEB54CC58AE3B5D65327C17F@WilsonPC>
References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>
<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>
<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>
<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>
<566C6A7D.2000508@securespeed.us>
<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
<0FCFE9BCBEB54CC58AE3B5D65327C17F@WilsonPC>
Message-ID: <566DA82C.1070104@earthlink.net>

Folks,

Actually, resistors of 0.1 ohm and far less (0.001 ohm, for instance) are now quite common, both surface mount and leaded. They are used for current sampling in high current power supplies. Look in Mouser or Digikey; 1% parts, no sweat.

Who uses such high currents these days, you ask? Well, a contemporary Intel microprocessor runs on several voltages, all quite low, but if the core runs on, say 1.2v it will need about 100A when it's really working. So, the designer needs to build little 1.2v 100A switchers. Look at a modern motherboard and you will see a number of small inductors near the

main IC. Each of those is part of one of the several voltage supplies the processor needs.

Large FPGAs (Field Programmable Gate Array) chips do much the same.

Peace,

Scott

On 12/13/15 5:24 AM, Wilson via BoatAnchors wrote:

> Wire way too big. Use a strand or two from some small stranded wire.

> WL

>

> -----Original Message----- From: Roy Morgan

> Sent: Saturday, December 12, 2015 2:45 PM

> To: BoatAnchors ; Glowbugs

> Subject: Re: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer

> [was:about BA amp metering]

>

>

> On Dec 12, 2015, at 1:42 PM, Larry Szendrei <ne1s at securespeed.us> wrote:

>

>> Good post, Roy; one correction: 0.100 ohms/0.016ohms per foot = 6.25

>> feet of wire (not 0.625).

>>

>> I don't think you can fit that on a 1/4 watt resistor ;-)

>

> Larry,

>

> Thanks for catching the error! (I should have checked my arithmetic more closely.)

>

> Right, 6 and a half feet of wire won't fit on any common resistor. I

> guess we should look for some nichrome wire then. I wonder if a

> discarded toaster might yield some suitable material.

>

> Come to think of it, there might be some 0.1 ohm resistors here - though

> they might be 5 watt size wire wounds, and not of any precision.

>

> Roy

>

>

> Roy Morgan

> k1lky68 at gmail.com

> K1LKY Since 1958

>

>

> -----

> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From wb3fau55 at neo.rr.com Sun Dec 13 12:56:24 2015
From: wb3fau55 at neo.rr.com (wb3fau55 at neo.rr.com)
Date: Sun, 13 Dec 2015 12:56:24 -0500
Subject: [BoatAnchors] R-390A vfo Dubrow
Message-ID: <20151213175624.NJ9JT.177830.root@cdptpa-web05>

Please excuse me for not using a 390A users assist, but I think I can get my answer here. I am trying to linearize a Dubrow VFO in an Amelco R-390A. I have had some success, but I am not able to get enough travel on the adjusters to bring it into closer linearity. If I read right, I will have to remove a turn on the end of the main coil and reattach to the post, and then redo the procedure with the adjusters? thanks for your coaching as I have never done this operation. 73s Russ.

From gumbear at pacbell.net Sun Dec 13 14:25:25 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Sun, 13 Dec 2015 11:25:25 -0800
Subject: [BoatAnchors] 75 meter AM
Message-ID: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>

I was rearranging my collection of miscellaneous radios last night and decided to see if there was any AM life on 75 meters. I heard none all evening long. So I'm wondering, is 75 AM dead? Should I give up the idea of getting on AM forever?

Arden Allen
KB6NAX

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hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From dave at horsfall.org Sun Dec 13 14:37:41 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Mon, 14 Dec 2015 06:37:41 +1100 (EST)
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
Message-ID: <alpine.BSF.2.11.1512140628571.54942@aneurin.horsfall.org>

On Sun, 13 Dec 2015, Arden Allen via BoatAnchors wrote:

> I was rearranging my collection of miscellaneous radios last night and
> decided to see if there was any AM life on 75 meters. I heard none all
> evening long. So I'm wondering, is 75 AM dead? Should I give up the
> idea of getting on AM forever?

Probably not much use to anyone in K-land, but several WIA stations do 80m
AM on Sunday mornings; VK2WI for example transmits on 3595 at 10:00 Sydney
time (Summer and Winter). Perhaps W1AW does the same thing?

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From arc5 at ix.netcom.com Sun Dec 13 15:57:24 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 14:57:24 -0600
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
Message-ID: <802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>

----- Original Message -----

From: "Arden Allen via BoatAnchors" <boatanchors at theporch.com>
Subject: [BoatAnchors] 75 meter AM

>...is 75 AM dead?

75 Meter AM is alive and well in the South and
Mid-West. Activity centers around 3885 KC
with sizeable groups on 3870, 3880, 3885
and 3890. You will find lots of good folks
who will welcome you even if you have a
low-power station.

There are a few groups of SSB Axxholes who
can't seem to find their way to the FOUR HUNDRED
other freqs that aren't in the AM window or who
think *they* set the standards for who can use what
where. I often hear the "straw man argument"
about "we're licensed to work anywhere etc."
which is nonsense. I'm licensed to come to their
town and run a RTTY net on their local repeater
inputs; that doesn't mean it's the right thing to do.
We have band plans for a reason and everyone
gets along better when we know where everyone

lives and make room for "the other guy."
But these scum won't hear reason; they'll crank
up on 3888 with the stated intent of interfering
with AMers and come on 3890 at night
and run SSTV.
So we just run power and ignore their carping.

Don't be discouraged if you only have a few
watts, though. Most of the time, I can get
plenty of contacts with 10-30 Watts.
Come on and visit sometime.

73 DE Dave AB5S

From garygarlic at earthlink.net Sun Dec 13 15:58:17 2015
From: garygarlic at earthlink.net (Gary Woods)
Date: Sun, 13 Dec 2015 15:58:17 -0500
Subject: [BoatAnchors] Nearly free to good home: Link Type 25 or 50-FMTR7C
manual
Message-ID: <opmr6btqfvuctguhev16nhhvqbq8ufgobp@4ax.com>

Original, with possibly useful notes in margins, etc. Yours for media mail
postage, or the recycle bin gets it.

--

Gary Woods AKA K2AHC- PGP key on request, or at home.earthlink.net/~garygarlic
Zone 5/4 in upstate New York, 1420' elevation. NY WO G

From arc5 at ix.netcom.com Sun Dec 13 16:08:57 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 15:08:57 -0600
Subject: [BoatAnchors] K5LRX is Seeking an R-1051
Message-ID: <4FFBE77F7F1A4AACBE4085E0B14F7C87@DaddyPC>

Jack, K5LRX, is looking for an R-1051.
If you can help, please contact him at:
jrock at austin.rr.com

----- Original Message -----

From: "Jack Rock" <jrock1 at austin.rr.com>

> Do you have, or know of someone who has, an R-1051 Navy
> receiver to move

> down the road ??
>
> It has a motor driven synthesizer mechanism, and it looks just
> the kind of
> heavy, over-complicated monstrosities I enjoy taming (masochism
> ??).

> Jack
> K5LRX
> Austin

From k9fd at flex.com Sun Dec 13 17:07:40 2015
From: k9fd at flex.com (Merv Schweigert)
Date: Sun, 13 Dec 2015 12:07:40 -1000
Subject: [BoatAnchors] FT-241 Crystals
In-Reply-To: <4FFBE77F7F1A4AACBE4085E0B14F7C87@DaddyPC>
References: <4FFBE77F7F1A4AACBE4085E0B14F7C87@DaddyPC>
Message-ID: <566DEC2C.7050000@flex.com>

Wondering if anyone has any FT-241 crystals in the junk box?

Looking for Channels 55, 56, 57, and or channels 340, 341, 342

Guy had those listed on epay, but when I tried to buy them he really did not have them.

They are for use in a project of a old 30s transmitter I will use on 630 meters for CW qsos.

Thanks 73 Merv K9FD/KH6 WH2XCR

From arc5 at ix.netcom.com Sun Dec 13 19:59:44 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 18:59:44 -0600
Subject: [BoatAnchors] All Good Things...
Message-ID: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>

Email reflectors have been a huge blessing for us, connecting so many great people. But they are 1990s tech and quite limited. Is it time we considered moving to something like a Facebook group, where one can upload photos and videos? There are already some that are in their infancy...
<https://www.facebook.com/groups/475656672538248/members/>

<https://www.facebook.com/groups/1425691817653103/>

God bless those who have driven The Porch
and Mailman; I certainly don't want to leave.
But should we consider moving forward?
It would be nice to illustrate my posts without
having to use web hosting links.

73 Dave S.

From arc5 at ix.netcom.com Sun Dec 13 20:03:42 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 19:03:42 -0600
Subject: [BoatAnchors] FT-241 Crystals
In-Reply-To: <566DEC2C.7050000@flex.com>
References: <4FFBE77F7F1A4AACBE4085E0B14F7C87@DaddyPC>
<566DEC2C.7050000@flex.com>
Message-ID: <1D76618A06E14AAEB1A1E6932FA33D13@DaddyPC>

----- Original Message -----

From: "Merv Schweigert via BoatAnchors"
<boatanchors at theporch.com>
Subject: [BoatAnchors] FT-241 Crystals

> Wondering if anyone has any FT-241 crystals in the junk box?
>
> Looking for Channels 55, 56, 57, and or channels 340, 341, 342

Going out to "the Cave" to check my stash.
Please be aware these FT-241 crystals are fragile.
Some of them will be dead. And those that are
working will not take much crystal current.
73 Dave S.

From arc5 at ix.netcom.com Sun Dec 13 20:27:06 2015
From: arc5 at ix.netcom.com (David Stinson)
Date: Sun, 13 Dec 2015 19:27:06 -0600
Subject: [BoatAnchors] Needed: TCS-13 Receiver Parts
Message-ID: <920A0391EE0D4F1DA3FAC5DBEC7B6FB6@DaddyPC>

Does anyone have a TCS-13 Receiver case?

I need the nomenclature plates from the top of
the Hamilton Radio TCS-13 receiver.

Thanks.

73 DE Dave AB5S

From cbmcgr at gmail.com Sun Dec 13 21:36:44 2015

From: cbmcgr at gmail.com (Chuck McGregor)

Date: Sun, 13 Dec 2015 18:36:44 -0800

Subject: [BoatAnchors] All Good Things...

In-Reply-To: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>

References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>

Message-ID: <CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>

Altho I miss some of the fine contributors who have moved on, I still value
the Boatanchors lists highly. Facebook is not my kind of place.

73, Seasons Greetings, & Merry Christmas

Chuck K7MCG

On Sun, Dec 13, 2015 at 4:59 PM, David Stinson via BoatAnchors <
boatanchors at theporch.com> wrote:

> Email reflectors have been a huge blessing for us,
> connecting so many great people. But they are 1990s tech and quite
> limited.
> Is it time we considered moving to something
> like a Facebook group, where one can upload photos and videos? There are
> already some that
> are in their infancy...
> <https://www.facebook.com/groups/475656672538248/members/>
> <https://www.facebook.com/groups/1425691817653103/>
>
> God bless those who have driven The Porch and Mailman; I certainly don't
> want to leave.
> But should we consider moving forward?
> It would be nice to illustrate my posts without
> having to use web hosting links.
>
> 73 Dave S.
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>
>

From dave at horsfall.org Sun Dec 13 22:12:14 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Mon, 14 Dec 2015 14:12:14 +1100 (EST)
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>
<CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
Message-ID: <alpine.BSF.2.11.1512141411080.54942@aneurin.horsfall.org>

On Sun, 13 Dec 2015, Chuck McGregor via BoatAnchors wrote:

> Altho I miss some of the fine contributors who have moved on, I still
> value the Boatanchors lists highly. Facebook is not my kind of place.

Ditto; I don't do social media at all, and run screaming from them.

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From ranickel at comcast.net Sun Dec 13 23:49:45 2015
From: ranickel at comcast.net (Robert Nickels)
Date: Sun, 13 Dec 2015 22:49:45 -0600
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <alpine.BSF.2.11.1512141411080.54942@aneurin.horsfall.org>
References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>
<CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
<alpine.BSF.2.11.1512141411080.54942@aneurin.horsfall.org>
Message-ID: <566E4A69.3000700@comcast.net>

Those who were on this list before the mass exodus prompted by a reasonable request that users help to pick up the tab know that it was unquestionably the best resource (a virtual "forum with 700 of your friends", remember?) on the 'net. Thanks in no small part to a listowner who set and demanded compliance with high standards. The S/N ratio has deteriorated ever since.

The "Great Balkanization of Lists" that followed has added little more than clutter and pointless redundancy. There is ongoing debate right now that since Yahoo (nor anyone else) has found a way to monetize mail reflectors and since they are way off their radar technology-wise, the plug may someday be pulled on them. I guess that would force the return to paid reflectors, or to different technology.

I do use Facebook for a community group where it makes sense and find Twitter to be an exceptional way of keeping up to date on technology trends. But I'd sooner roll the clock back when it comes to Old Tube

Radio lists.

73, Bob W9RAN

From jlkolb at jlkolb.cts.com Mon Dec 14 03:41:11 2015
From: jlkolb at jlkolb.cts.com (John)
Date: Mon, 14 Dec 2015 00:41:11 -0800
Subject: [BoatAnchors] [Glowbugs] [Boatanchors] Got my answer [was:
about BA amp metering]
In-Reply-To: <CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>
References: <045d01d13476\$6a43ab60\$3ecb0220\$@ka9egw.com>
<4FCBFB66E17B4A318472E6E51C69C268@HomeDesktop>
<001501d134ad\$bf621dc0\$3e265940\$@ka9egw.com>
<B91530AB-123F-423C-AA20-F362EB127220@gmail.com>
<566C6A7D.2000508@securespeed.us>
<0D940935-658B-4BC4-999C-6C3F8F39D374@gmail.com>
<CAEJr0FtEARBCdanA4yi=S1X0m+GCyc=jzcUJkp2223bBuBJ=Aw@mail.gmail.com>
Message-ID: <566E80A7.4080900@jlkolb.cts.com>

Copper wire is not used for shunt resistors as it has a poor temperature coefficient, changing about 0.4% per degree C temperature change. Nichrome is better at 0.04%/deg C. Precision wirewound resistors are made with manganin wire or equivalent, with a tempco of 0.0002%, 2 PPM. It also has a high resistivity, so required wire length is low.

For an SASE, I can supply small quantities of 30 ga manganin wire, probably 2.63 ohms/foot.

It's hard to hit an exact value by measuring length - scraping the wire to remove the enamel will raise the resistance - getting solder past the desired length will lower it. To get close to 0.1 ohm, I'd make three 0.3 ohm resistors and put them in parallel. I used to make trim resistors from this wire back when Wavetek was trying to make precision voltmeters back in the '60's.

John
KK6IL at amsat dot org

On 12/12/2015 9:21 PM, Rich Post via BoatAnchors wrote:
> I use the nichrome from a hair dryer for this purpose. Also makes for nice
> dummy load for audio amps. Use a barrier strip if needed since nichrome
> doesn't like solder. The hair dryers I buy have the ALCI plug and cord
> which is great for adding a bit of safety to AC-DC sets.
>
> Rich KB8TAD

From vilgotch at bigpond.net.au Mon Dec 14 05:26:20 2015
From: vilgotch at bigpond.net.au (Morris Odell)
Date: Mon, 14 Dec 2015 21:26:20 +1100
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <566E4A69.3000700@comcast.net>
References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>
<CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
<alpine.BSF.2.11.1512141411080.54942@aneurin.horsfall.org>
<566E4A69.3000700@comcast.net>
Message-ID: <000901d13659\$e02addf0\$a08099d0\$@bigpond.net.au>

-----Original Message-----

From: Robert Nickels Sent: Monday, 14 December 2015 3:50 PM

> Those who were on this list before the mass exodus prompted by a
reasonable request that users help to pick up the tab know that it was
unquestionably the best resource (a virtual
> "forum with 700 of your friends", remember?) on the 'net. Thanks in no
small part to a listowner who set and demanded compliance with high
standards. The S/N ratio has deteriorated > ever since.

The S/N ratio is still higher than any other group I belong to

<snip>

> I do use Facebook for a community group

So do I and knowing what goes on there I would be very reluctant to see this
group move across. This list remains a gem of sanity in the howling
wilderness of internet groups and we should keep it that way!

73, Morris VK3DOC

From gsantacana at gmail.com Mon Dec 14 05:45:19 2015
From: gsantacana at gmail.com (Guido Santacana)
Date: Mon, 14 Dec 2015 06:45:19 -0400
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <000901d13659\$e02addf0\$a08099d0\$@bigpond.net.au>
References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>
<CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
<alpine.BSF.2.11.1512141411080.54942@aneurin.horsfall.org>
<566E4A69.3000700@comcast.net>
<000901d13659\$e02addf0\$a08099d0\$@bigpond.net.au>
Message-ID: <CA01yix0Exkt=_1jd-hSp-6AA7TAF4PARX80+DLNQExwzSDrhW@mail.gmail.com>

I was at Facebook briefly. It is better to leave it for the younger generation.

Best 73s

Guido Santacana KP4FAR

On Monday, December 14, 2015, Morris Odell via BoatAnchors <boatanchors at theporch.com> wrote:

```
> -----Original Message-----
> From: Robert Nickels Sent: Monday, 14 December 2015 3:50 PM
>
> > Those who were on this list before the mass exodus prompted by a
> reasonable request that users help to pick up the tab know that it was
> unquestionably the best resource (a virtual
> > "forum with 700 of your friends", remember?) on the 'net.      Thanks in
> no
> small part to a listowner who set and demanded compliance with high
> standards.  The S/N ratio has deteriorated > ever since.
>
> The S/N ratio is still higher than any other group I belong to
>
> <snip>
>
> > I do use Facebook for a community group
>
> So do I and knowing what goes on there I would be very reluctant to see
> this
> group move across. This list remains a gem of sanity in the howling
> wilderness of internet groups and we should keep it that way!
>
> 73, Morris VK3DOC
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com <javascript:;>
> https://minime.theporch.com/mailman/listinfo/boatanchors
>
```

From w7qho at aol.com Mon Dec 14 12:35:57 2015
From: w7qho at aol.com (Dennis DuValll)
Date: Mon, 14 Dec 2015 09:35:57 -0800
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>

<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
Message-ID: <2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>

Our 75 Meter Band has long been the insane asylum of ham radio. Back in the early 1950's when I was first licensed there was a guy up in Montana who ?owned? 3910 kHz (kc back in those days). He ran the "Montana Phone Net" on that frequency. Don?t remember the schedule but he would beligerantly run people off even when the net wasn?t in operation. As to current 75M madness I notice that this generation of SSB retards spend a great deal of time deliberately jamming each other as well, at least here in SOCAL and the South-West part of the country. Unfortunately, don?t hear much casual AM operation here any more. AMI nets Monday and Wednesday evenings but little activity in between. :^(

Dennis D. W7QHO
Glendale, CA

> On Dec 13, 2015, at 12:57 PM, David Stinson via BoatAnchors <boatanchors at theporch.com> wrote:
>
>
> ----- Original Message ----- From: "Arden Allen via BoatAnchors" <boatanchors at theporch.com>
> Subject: [BoatAnchors] 75 meter AM
>
>
>> ...is 75 AM dead?
>
> 75 Meter AM is alive and well in the South and
> Mid-West. Activity centers around 3885 KC
> with sizeable groups on 3870, 3880, 3885 and 3890. You will find lots of good folks
> who will welcome you even if you have a low-power station.
>
> There are a few groups of SSB Axxholes who
> can't seem to find their way to the FOUR HUNDRED
> other freqs that aren't in the AM window or who think *they* set the standards for who can use what
> where. I often hear the "straw man argument" about "we're licensed to work anywhere etc."
> which is nonsense. I'm licensed to come to their
> town and run a RTTY net on their local repeater
> inputs; that doesn't mean it's the right thing to do.
> We have band plans for a reason and everyone gets along better when we know where everyone lives and make room for "the other guy."
> But these scum won't hear reason; they'll crank

> up on 3888 with the stated intent of interfering
> with AMers and come on 3890 at night
> and run SSTV. So we just run power and ignore their carping.
>
> Don't be discouraged if you only have a few
> watts, though. Most of the time, I can get plenty of contacts with 10-30 Watts.
Come on and visit sometime.
>
> 73 DE Dave AB5S
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From garygarlic at earthlink.net Mon Dec 14 13:00:37 2015
From: garygarlic at earthlink.net (Gary Woods)
Date: Mon, 14 Dec 2015 13:00:37 -0500
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
<2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
Message-ID: <pp0u6b1k03kh51mughq9fcinjse9hsjipr@4ax.com>

On Mon, 14 Dec 2015 09:35:57 -0800, you wrote:

>Our 75 Meter Band has long been the insane asylum of ham radio.

On the east coast, we remember W1TJX of Putnam Ct, with a suspiciously strong signal, it seemed, 24-7.

Some day, I need to fix up that Ranger and hook it up to the Viking KW, which has only been using the 810 modulators as bleeders.

--

Gary Woods AKA K2AHC- PGP key on request, or at home.earthlink.net/~garygarlic
Zone 5/4 in upstate New York, 1420' elevation. NY W0 G

From 4cx250b at miamioh.edu Mon Dec 14 13:23:37 2015
From: 4cx250b at miamioh.edu (MU 4CX250B)
Date: Mon, 14 Dec 2015 11:23:37 -0700
Subject: [BoatAnchors] 75 meter AM

In-Reply-To: <2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
<2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
Message-ID: <-6854750929728514336@unknownmsgid>

I remember the guy on 75m ssb who would plant himself in the middle of
AM QSOs and whisper "Rod...ney." It seemed strange then, still does.
Jim w8zr

Sent from my iPhone

> On Dec 14, 2015, at 10:36 AM, Dennis DuValll via BoatAnchors <boatanchors at
theporch.com> wrote:
>
> Our 75 Meter Band has long been the insane asylum of ham radio. Back in the
early 1950?s when I was first licensed there was a guy up in Montana who ?owned?
3910 kHz (kc back in those days).
> He ran the "Montana Phone Net" on that frequency. Don?t remember the schedule
but he would beligerantly run people off even when the net wasn?t in operation.
As to current 75M madness I notice
> that this generation of SSB retards spend a great deal of time deliberately
jamming each other as well, at least here in SOCAL and the South-West part of the
country. Unfortunately, don?t hear
> much casual AM operation here any more. AMI nets Monday and Wednesday evenings
but little activity in between. :^(
>
> Dennis D. W7QHO
> Glendale, CA
>
> *****
>> On Dec 13, 2015, at 12:57 PM, David Stinson via BoatAnchors <boatanchors at
theporch.com> wrote:
>>
>>
>> ----- Original Message ----- From: "Arden Allen via BoatAnchors" <boatanchors
at theporch.com>
>> Subject: [BoatAnchors] 75 meter AM
>>
>>
>>> ...is 75 AM dead?
>>
>> 75 Meter AM is alive and well in the South and
>> Mid-West. Activity centers around 3885 KC
>> with sizeable groups on 3870, 3880, 3885 and 3890. You will find lots of good
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>> who will welcome you even if you have a low-power station.
>>

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>> where. I often hear the "straw man argument" about "we're licensed to work
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>> which is nonsense. I'm licensed to come to their
>> town and run a RTTY net on their local repeater
>> inputs; that doesn't mean it's the right thing to do.
>> We have band plans for a reason and everyone gets along better when we know
where everyone lives and make room for "the other guy."
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>> with AMers and come on 3890 at night
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>> Don't be discouraged if you only have a few
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Watts. Come on and visit sometime.
>>
>> 73 DE Dave AB5S
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>> BoatAnchors mailing list
>> BoatAnchors at theporch.com
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>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From ark at ar88.net Mon Dec 14 13:24:24 2015
From: ark at ar88.net (Al Klase)
Date: Mon, 14 Dec 2015 13:24:24 -0500
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
<2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
Message-ID: <566F0958.8000102@ar88.net>

As I've often suggested, there is no intelligent life above 3800!

Al Klase ? N3FRQ
Jersey City, NJ

<http://www.skywaves.ar88.net/>

On 12/14/2015 12:35 PM, Dennis DuValll via BoatAnchors wrote:

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> much casual AM operation here any more. AMI nets Monday and Wednesday evenings but little activity in between. :^(

>

> Dennis D. W7QHO

> Glendale, CA

>

> *****

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>>

>>

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>> Subject: [BoatAnchors] 75 meter AM

>>

>>

>>> ...is 75 AM dead?

>> 75 Meter AM is alive and well in the South and

>> Mid-West. Activity centers around 3885 KC

>> with sizeable groups on 3870, 3880, 3885 and 3890. You will find lots of good folks

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>> which is nonsense. I'm licensed to come to their

>> town and run a RTTY net on their local repeater

>> inputs; that doesn't mean it's the right thing to do.

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>> But these scum won't hear reason; they'll crank

>> up on 3888 with the stated intent of interfering

>> with AMers and come on 3890 at night
>> and run SSTV. So we just run power and ignore their carping.
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>> watts, though. Most of the time, I can get plenty of contacts with 10-30
Watts. Come on and visit sometime.
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>> 73 DE Dave AB5S
>>
>>
>> -----
>> BoatAnchors mailing list
>> BoatAnchors at theporch.com
>> <https://minime.theporch.com/mailman/listinfo/boatanchors>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From wa5jci at basicisp.net Mon Dec 14 13:56:33 2015
From: wa5jci at basicisp.net (Spencer Petri)
Date: Mon, 14 Dec 2015 12:56:33 -0600
Subject: [BoatAnchors] 75 meter AM
In-Reply-To: <-6854750929728514336@unknownmsgid>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
<2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
<-6854750929728514336@unknownmsgid>
Message-ID: <20151214105639.97488658@m0087470.pops.net>

At 12:23 PM 12/14/2015, MU 4CX250B via BoatAnchors wrote:
>I remember the guy on 75m ssb who would plant himself in the middle
>of AM QSOs and whisper "Rod...ney."

dea-ler

de Pete WA5JCI

From dave at horsfall.org Mon Dec 14 16:22:29 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Tue, 15 Dec 2015 08:22:29 +1100 (EST)
Subject: [BoatAnchors] 75 meter AM

In-Reply-To: <2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
References: <A13F3FBFB465445D9D12E5F84B09EEA0@KB6NAX>
<802EAD56BBBE482DB432F16CDC9539D4@DaddyPC>
<2DDAB5FD-6BD7-47B1-8621-B382FBB5005C@aol.com>
Message-ID: <alpine.BSF.2.11.1512150819500.860@aneurin.horsfall.org>

On Mon, 14 Dec 2015, Dennis DuValll via BoatAnchors wrote:

> Our 75 Meter Band has long been the insane asylum of ham radio.

Just like CB, eh? At least here in VK there is a UHF CB band, and it's reasonably polite (but you do get the occasional twits on the repeaters).

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From kd5byb at kd5byb.net Mon Dec 14 17:27:15 2015
From: kd5byb at kd5byb.net (Ben Hall)
Date: Mon, 14 Dec 2015 16:27:15 -0600
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <566E4A69.3000700@comcast.net>
References: <D7C186BDE438425C91636227A4DC37F2@DaddyPC>
<CAFTq00TqzVC=GyknEunKSpqc1g_-pT5VE2f63djByjocHP0nyA@mail.gmail.com>
<alpine.BSF.2.11.15121411080.54942@aneurin.horsfall.org>
<566E4A69.3000700@comcast.net>
Message-ID: <566F4243.2080509@kd5byb.net>

Good afternoon all,

On 12/13/2015 10:49 PM, Robert Nickels via BoatAnchors wrote:

> Those who were on this list before the mass exodus prompted by a
> reasonable request that users help to pick up the tab know that it was
> unquestionably the best resource (a virtual "forum with 700 of your
> friends", remember?) on the 'net.

Perhaps I missed it or my memory really stinks, but while I recall the request, I don't recall people fleeing in droves because of it.

I'm not sure I'd equate the decline in volume to that request - I suspect there are other factors at work. We're all getting older, slower, can pick up less heavy stuff than we used to, don't see as well, other family commitments, etc...

There are some nice features on some of the newer group/social media technology. On the other hand, I'd argue that generally, the quality of service is so bad on the newer groups/facebook/whatever that the additional niceties of the additional features is overwhelmed by the

increased pain-in-the-butt factor.

Just my few cents...

thanks much and 73,
ben, kd5byb

From rbsingl at ilstu.edu Mon Dec 14 17:29:49 2015
From: rbsingl at ilstu.edu (Singley, Rodger)
Date: Mon, 14 Dec 2015 22:29:49 +0000
Subject: [BoatAnchors] All Good Things...
Message-ID: <0DEBF1C8D8437248BE53CD4213B89BD32300C717@ISUEMBX02.ad.ilstu.edu>

I joined Facebook because of my daughter's school soccer team and I don't care for Facebook. I need to go in again to see if I can reset preferences because several times each day I receive silly Facebook email announcements like "do you know person X" or "currently trending on Facebook Prince Henry and new feminine hygiene products". When something arrives via the boatanchors listserv I can be confident it will be interesting and appropriate.

It sometimes would be nice to be able to post photos or attachments to the list but it isn't difficult to send these directly to interested parties or via a link to Dropbox and it cuts down dramatically on list traffic. I really enjoy the high signal to noise ratio of this list and it is heaven compared to many lists that are filled both with off-topic garbage and outright spam. I just came here from browsing a Corvette forum website since I am preparing to place an order and the difference between the classy behavior of this list and that forum is like the difference between a pristine national park and a garbage dump.

Now back to going through my recently acquired T-368F transmitter without blowing myself up which would be a really lousy way to start my retirement that officially begins on December 31st :)

Rodger WQ9E

Dr. Rodger B. Singley
Professor of Marketing

From k1lky68 at gmail.com Mon Dec 14 19:43:55 2015
From: k1lky68 at gmail.com (Roy Morgan)
Date: Mon, 14 Dec 2015 19:43:55 -0500
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <0DEBF1C8D8437248BE53CD4213B89BD32300C717@ISUEMBX02.ad.ilstu.edu>

References: <0DEBF1C8D8437248BE53CD4213B89BD32300C717@ISUEMBX02.ad.ilstu.edu>
Message-ID: <36FA7EFE-1490-48EE-BFFE-32D6B9319F42@gmail.com>

On Dec 14, 2015, at 5:29 PM, Singley, Rodger via BoatAnchors <boatanchors at theporch.com> wrote:

> Now back to going through my recently acquired T-368F transmitter without blowing myself up which would be a really lousy way to start my retirement that officially begins on December 31st :)

Roger,

At least you recognize you are in danger. Serious danger! The T-368 is a death trap. It has mongo high voltage inside. I suggest that you not even open it up. Your mind could succumb to enthrallment over the glowing tubes, ceramic switches, and silver plated final tank parts. To say nothing of the danger to your psychological health from hanging out with ?the AM Guys? on 75 meters! You might even start to use the word ?Microphonium?! Horrors. You really should not even power it up. You could get hopelessly hooked.

Why soon, you'd bragging about how the thing can load up a bed spring below 2 megacycles, how it runs cool and steady for hours and hours for days and days and never misses a watt, and how it?s power and modulation levels dominate the bands. And you?ll be bragging about the mechanical needle meters on the thing that tell you all about what?s going on inside. And some of the folks you talk with will ask how many menus it has. And you won?t know what to say! They won?t understand why anyone would want to know what?s going on inside a transmitter.

And what will the majority of hams out there think when you talk about getting spare 4-400?s even though the one in there will last for decades. They just won?t understand.

Then you?ll be tempted to get a cat. So the cat can sleep atop the thing happily warmed by the chassis and lulled to sleep by the fan, while you talk to folks all over the world, many of whom might not even know what a ?Tee Three? even is! Of course if you follow my policy about cats, you won?t have just ?a cat?. (?Never get a cat. Always get two.")

I advise you to de-access it as soon as possible. I?ll come and get it from you. I?ll rent a trailer if I can?t borrow my friend?s van. Really, the sooner you are free of it the better. You need to be protected from this monstrous behemoth. Get a rice box and spend your time hopelessly lost in layers of menus trying to push buttons that are too small for your fingers. You?ll be safer. Please do the right thing.

Your in hollow state solidarity,

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From k1lky68 at gmail.com Mon Dec 14 19:48:36 2015
From: k1lky68 at gmail.com (Roy Morgan)
Date: Mon, 14 Dec 2015 19:48:36 -0500
Subject: [BoatAnchors] All Good Things...
In-Reply-To: <0DEBF1C8D8437248BE53CD4213B89BD32300C717@ISUEMBX02.ad.ilstu.edu>
References: <0DEBF1C8D8437248BE53CD4213B89BD32300C717@ISUEMBX02.ad.ilstu.edu>
Message-ID: <A1CA0A8B-A118-496D-807C-292C9CF9F528@gmail.com>

On Dec 14, 2015, at 5:29 PM, Singley, Rodger via BoatAnchors <boatanchors at theporch.com> wrote:
> Now back to going through my recently acquired T-368F transmitter without blowing myself up which would be a really lousy way to start my retirement that officially begins on December 31st :)

Roger,

At least you recognize you are in danger. Serious danger! The T-368 is a death trap. It has mongo high voltage inside. I suggest that you not even open it up. Your mind could succumb to enthrallment over the glowing tubes, ceramic switches, and silver plated final tank parts. To say nothing of the danger to your psychological health from hanging out with ?the AM Guys? on 75 meters! You might even start to use the word ?Microphonium?! Horrors. You really should not even power it up. You could get hopelessly hooked.

Why soon, you'd bragging about how the thing can load up a bed spring below 2 megacycles, how it runs cool and steady for hours and hours for days and days and never misses a watt, and how it?s power and modulation levels dominate the bands. And you?ll be bragging about the mechanical needle meters on the thing that tell you all about what?s going on inside. And some of the folks you talk with will ask how many menus it has. And you won?t know what to say! They won?t understand why anyone would want to know what?s going on inside a transmitter.

And what will the majority of hams out there think when you talk about getting spare 4-400?s even though the one in there will last for decades. They just won?t understand.

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get a cat. Always get two.")

I advise you to de-access it as soon as possible. I'll come and get it from you. I'll rent a trailer if I can't borrow my friend's van.

Really, the sooner you are free of it the better. You need to be protected from this monstrous behemoth. Get a rice box and spend your time hopelessly lost in layers of menus trying to push buttons that are too small for your fingers. You'll be safer. Please do the right thing.

Your in hollow state solidarity,

Roy

Roy Morgan
k1lky68 at gmail.com
K1LKY Since 1958

From johnmb at nc.rr.com Mon Dec 14 20:53:00 2015
From: johnmb at nc.rr.com (John Brewer)
Date: Mon, 14 Dec 2015 17:53:00 -0800
Subject: [BoatAnchors] 75 meter AM
Message-ID: <95v0sewffgrss8mvt49ig5lr.1450144380731@email.android.com>

Having lived in the SW and the east coast, I can say that especially with the passing of Les who ran the 14.286 evening roundtable, there never was as much AM out west as there is on the east coast. Les was a really nice guy who was a good ambassador for the am community.

John k5mo

From ddillman at igc.org Tue Dec 15 20:57:40 2015
From: ddillman at igc.org (Richard Dillman)
Date: Tue, 15 Dec 2015 17:57:40 -0800 (GMT-08:00)
Subject: [BoatAnchors] Heinz & Kaufman Type 936 Receiver
Message-ID: <15022408.1450231060367.JavaMail.root@mswamui-cedar.atl.sa.earthlink.net>

A friend dropped by today and brought with him his H&K Type 936 receiver for me to admire. I think his unspoken plan is for me to become enchanted with it and decide to make it mine. That wouldn't be hard. It's a beauty and a very rare beast as far as I know. In any case I've never seen or heard of another.

The Type 936 covers 70-210kc and 350-515kc. Those ranges may seem odd but in but of course we know they're exactly what you're looking for to cover the low and medium frequency marine bands. The truly beguiling thing about the Type 936 is the built in crystal receiver. The presence of a crystal receiver, much less a built in one, also may seem odd. But as old timers know the regulations required an emergency receiver completely independent of ship's power including batteries. A crystal receiver is the only type that met the requirement. They are part of the Radiomarine and Mackay radio consoles but external to the receiver. In this design it seems you are required to reach into the case to adjust the cat's whisker - in the dark with the deck listing at 40 degrees. But at that point you would of course be highly motivated. In any case this is a very sweet and very rare little receiver. So far I have copied beacons CC Concord (335kc), FCH Fresno (344kc), LV Livermore (374kc), BO Boise ID (361kc), MOG Montague, CA (404kc) and... DDP San Juan PR (391kc), all within 1kc of the dial reading, from my location north of San Francisco.

I've posted photos at the link below:

<https://goo.gl/photos/ECKJvdzpi4RC7e657>

RD

=====
Richard Dillman, T2-GB-061170
Chief Operator, Coast Station KSM
Maritime Radio Historical Society
<http://www.radiomarine.org>
=====

From 1oldlens1 at ix.netcom.com Tue Dec 15 23:55:58 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Tue, 15 Dec 2015 20:55:58 -0800
Subject: [BoatAnchors] Heinz & Kaufman Type 936 Receiver
In-Reply-To: <15022408.1450231060367.JavaMail.root@mswamui-cedar.atl.sa.earthlink.net>
References: <15022408.1450231060367.JavaMail.root@mswamui-cedar.atl.sa.earthlink.net>
Message-ID: <5670EEDE.6060605@ix.netcom.com>

Fascinating, thank you for posting this. As you know Heinz and Kaufman was one of the founding companies of what is now Silicon Valley along with Federal Telegraph. Ralph Heinz is reputed to have installed and used the first airborne radio. While H&K are probably best known for making transmitting tubes they also built a lot of custom wireless equipment for Dollar Steamship lines. A very important company in the history of electronics.

On 12/15/2015 5:57 PM, Richard Dillman via BoatAnchors wrote:

>

> A friend dropped by today and brought with him his H&K Type 936 receiver for me to admire. I think his unspoken plan is for me to become enchanted with it and decide to make it mine. That wouldn't be hard. It's a beauty and a very rare beast as far as I know. In any case I've never seen or heard of another.

>

> The Type 936 covers 70-210kc and 350-515kc. Those ranges may seem odd but in but of course we know they're exactly what you're looking for to cover the low and medium frequency marine bands. The truly beguiling thing about the Type 936 is the built in crystal receiver. The presence of a crystal receiver, much less a built in one, also may seem odd. But as old timers know the regulations required an emergency receiver completely independent of ship's power including batteries. A crystal receiver is the only type that met the requirement. They are part of the Radiomarine and Mackay radio consoles but external to the receiver. In this design it seems you are required to reach into the case to adjust the cat's whisker - in the dark with the deck listing at 40 degrees. But at that point you would of course be highly motivated. In any case this is a very sweet and very rare little receiver. So far I have copied beacons CC Concord (335kc), FCH Fresno (344kc), LV Livermore (374kc), BO Boise

> ID (361kc), MOG Montague, CA (404kc) and... DDP San Juan PR (391kc), all within 1kc of the dial reading, from my location north of San Francisco.

>

> I've posted photos at the link below:

>

> <https://goo.gl/photos/EckJvdzpi4RC7e657>

>

> RD

>

> =====

> Richard Dillman, T2-GB-061170

> Chief Operator, Coast Station KSM

> Maritime Radio Historical Society

> <http://www.radiomarine.org>

> =====

>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

>

--

Richard Knoppow

1oldlens1 at ix.netcom.com

WB6KBL

From n7rk at cox.net Wed Dec 16 13:27:29 2015
From: n7rk at cox.net (Dave Hollander)
Date: Wed, 16 Dec 2015 11:27:29 -0700
Subject: [BoatAnchors] Heinz & Kaufman Type 936 Receiver
In-Reply-To: <u1y51r00X1qvwco011y8Dc>
References: <u1y51r00X1qvwco011y8Dc>
Message-ID: <5671AD11.2050908@cox.net>

Saw your posting on this on receiver on Facebook Richard. What a neat find.

Dave N7RK

From landn2 at frontier.com Sun Dec 20 03:07:38 2015
From: landn2 at frontier.com (Liles and Naomi Garcia)
Date: Sun, 20 Dec 2015 00:07:38 -0800
Subject: [BoatAnchors] Season's Greetings To All!!
Message-ID: <OBEDKFDGHEPDGADPPEHFCELMFHAA.landn2@frontier.com>

Good evening Everybody,

There was a " Silvertone Standby " receiver this past week on eBay, and it sold maybe yesterday. Until I researched this radio on the InterNet, this is one radio that I have never heard of. I have a " Silvertone Precision " in my collection; and I have never seen another one in real life. My question is: is the " Silvertone Standby " a super rare receiver. Just thought that I would ask the experts on this list.

I also wish to send " Merry Christmas, Season's Greetings, and Happy New Year's Greetings " from our home to your all's homes.

Best regards from Aloha, Oregon,
Liles Garcia
landn2 at frontier.com

From gsantacana at gmail.com Sun Dec 20 08:41:38 2015
From: gsantacana at gmail.com (Guido Santacana)
Date: Sun, 20 Dec 2015 09:41:38 -0400
Subject: [BoatAnchors] Season's Greetings To All!!
In-Reply-To: <OBEDKFDGHEPDGADPPEHFCELMFHAA.landn2@frontier.com>
References: <OBEDKFDGHEPDGADPPEHFCELMFHAA.landn2@frontier.com>
Message-ID: <1AB105D2-6C2D-4E2A-B9E0-5D950B184B83@gmail.com>

I also have a Silvertone Precision which is basically a Howard receiver, I think the 450, with a redesigned cabinet with slide rule dial. The Silvertone Standby must be a very rare one. The Precision itself is not a common sight.

Best 73s

Guido

Guido Santacana KP4FAR

Sent from my iPad

On Dec 20, 2015, at 4:07 AM, Liles and Naomi Garcia via BoatAnchors <boatanchors@theporch.com> wrote:

> Good evening Everybody,
>
> There was a " Silvertone Standby " receiver this past week on eBay, and it
> sold maybe yesterday. Until I researched this radio on the InterNet, this
> is one radio that I have never heard of. I have a " Silvertone Precision "
> in my collection; and I have never seen another one in real life. My
> question is: is the " Silvertone Standby " a super rare receiver. Just
> thought that I would ask the experts on this list.
>
> I also wish to send " Merry Christmas, Season's Greetings, and Happy New
> Year's Greetings " from our home to your all's homes.
>
> Best regards from Aloha, Oregon,
> Liles Garcia
> landn2 at frontier.com
>
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From oldradio at comcast.net Sun Dec 20 08:52:18 2015

From: oldradio at comcast.net (oldradio at comcast.net)

Date: Sun, 20 Dec 2015 13:52:18 +0000 (UTC)

Subject: [BoatAnchors] Season's Greetings To All!!

In-Reply-To: <1AB105D2-6C2D-4E2A-B9E0-5D950B184B83@gmail.com>

References: <0BEDKFDGHEPDGADPPEHFCELMFHAA.landn2@frontier.com>

<1AB105D2-6C2D-4E2A-B9E0-5D950B184B83@gmail.com>

Message-ID: <918482356.3515807.1450619538122.JavaMail.zimbra@comcast.net>

Look here...

<http://www.eht.com/oldradio/arrl/2005-08/august2005.htm>

----- Original Message -----

From: "Guido Santacana via BoatAnchors" <boatanchors at theporch.com>
To: "Liles and Naomi Garcia" <landn2 at frontier.com>
Cc: "<boatanchors at minime.theporch.com>" <boatanchors at minime.theporch.com>
Sent: Sunday, December 20, 2015 8:41:38 AM
Subject: Re: [BoatAnchors] Season's Greetings To All!!

I also have a Silvertone Precision which is basically a Howard receiver, I think the 450, with a redesigned cabinet with slide rule dial. The Silvertone Standby must be a very rare one. The Precision itself is not a common sight.

Best 73s

Guido

From gsantacana at gmail.com Sun Dec 20 13:01:45 2015
From: gsantacana at gmail.com (Guido Santacana)
Date: Sun, 20 Dec 2015 14:01:45 -0400
Subject: [BoatAnchors] Season's Greetings To All!!
In-Reply-To: <918482356.3515807.1450619538122.JavaMail.zimbra@comcast.net>
References: <0BEDKFDGHEPDGADPPEHFCELMFHAA.landn2@frontier.com>
<1AB105D2-6C2D-4E2A-B9E0-5D950B184B83@gmail.com>
<918482356.3515807.1450619538122.JavaMail.zimbra@comcast.net>
Message-ID: <D818DC2D-B798-4411-B8DD-381260A362E7@gmail.com>

It looks like another redressed Howard. This is the first one I ever see. It seems that before 1940 Howard made several radios for Sears. They were just redressed Howards.

Thanks for the link.

73s

Guido

Guido Santacana KP4FAR

Sent from my iPad

On Dec 20, 2015, at 9:52 AM, oldradio at comcast.net wrote:

>
>
> Look here...
>
> <http://www.eht.com/oldradio/arrrl/2005-08/august2005.htm>
>
> ----- Original Message -----
> From: "Guido Santacana via BoatAnchors" <boatanchors at theporch.com>
> To: "Liles and Naomi Garcia" <landn2 at frontier.com>
> Cc: "<boatanchors at minime.theporch.com>" <boatanchors at minime.theporch.com>
> Sent: Sunday, December 20, 2015 8:41:38 AM
> Subject: Re: [BoatAnchors] Season's Greetings To All!!
>
> I also have a Silvertone Precision which is basically a Howard receiver, I think
the 450, with a redesigned cabinet with slide rule dial. The Silvertone Standby
must be a very rare one. The Precision itself is not a common sight.
>
> Best 73s
>
> Guido

From landn2 at frontier.com Sun Dec 20 14:42:56 2015
From: landn2 at frontier.com (Liles and Naomi Garcia)
Date: Sun, 20 Dec 2015 11:42:56 -0800
Subject: [BoatAnchors] Season's Greetings And Sears Radios
Message-ID: <OBEDKFDGHEPDGADPPEHFEELOFHAA.landn2@frontier.com>

Good day to All,

Just a quick note to thank " oldradio " for the very interesting and
informative link about Sears radios. That old Silvertone speaker with the
big " S " on the front has to be extremely rare.

Thanks again!!

Best regards from Aloha, Oregon,
Liles Garcia
landn2 at frontier.com

From arc5 at ix.netcom.com Mon Dec 21 21:13:21 2015

From: arc5 at ix.netcom.com (David Stinson)
Date: Mon, 21 Dec 2015 20:13:21 -0600
Subject: [BoatAnchors] Heathkit DX-100 Transmitter Wiring Pictorial
Message-ID: <93E5D8C6F82D4A00B1615E0B0148C882@DaddyPC>

I'm in need of the wiring pictorial (not the schematic) of the Heathkit DX-100 (not the "B"). This is the one manual page that shows where all the wires run. I'm trying to un-booger a DX-100 bias supply someone fiddled for the SB-10 and it doesn't look like the one in the 100B manual I have.

Download is no help.
Manuals available for download are either missing the page or are illegable. Can someone please scan the page and email it to me?
Thank you kindly,
73 DE Dave AB5S

From k4pf at juno.com Wed Dec 23 16:28:35 2015
From: k4pf at juno.com (k4pf at juno.com)
Date: Wed, 23 Dec 2015 21:28:35 GMT
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
Message-ID: <20151223.162835.24562.0@webmail05.vgs.unttd.com>

Hi, Gang

I am enjoying season 2 of "Fargo", an FX Channel TV series. It was surprising to see a National NCX-3, with a Heath PS sitting on top, in episode 9. The rig was being used in a motel to monitor police calls (!), and it won't spoil the story to let you know that bad things ensued after it was shut off. No speaker was present, but that didn't seem to hurt the reception.

"Fargo" is a good series, if you like thrillers with a high body count and a heavy dollop of black comedy. Candidate Ronald Reagan makes an appearance, played by B-movie horror icon Bruce Campbell.

73 and Merry Christmas!
Ed Knobloch

From dave at horsfall.org Wed Dec 23 19:51:19 2015
From: dave at horsfall.org (Dave Horsfall)
Date: Thu, 24 Dec 2015 11:51:19 +1100 (EST)
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
In-Reply-To: <20151223.162835.24562.0@webmail05.vgs.unttd.com>
References: <20151223.162835.24562.0@webmail05.vgs.unttd.com>
Message-ID: <alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>

On Wed, 23 Dec 2015, k4pf--- via BoatAnchors wrote:

> "Fargo" is a good series, if you like thrillers with a high body count
> and a heavy dollop of black comedy. Candidate Ronald Reagan makes an
> appearance, played by B-movie horror icon Bruce Campbell.

But wasn't Ronald Reagan a B-grade actor once? Oh, that's right; he became US President... I think he played lead chimp or something, in some awful movie. Return of the Chimps, or similar?

--

Dave Horsfall DTM (VK2KFU) "Those who don't understand security will suffer."

From 1oldlens1 at ix.netcom.com Wed Dec 23 20:05:21 2015
From: 1oldlens1 at ix.netcom.com (Richard Knoppow)
Date: Wed, 23 Dec 2015 17:05:21 -0800
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
In-Reply-To: <alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
References: <20151223.162835.24562.0@webmail05.vgs.unttd.com>
<alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
Message-ID: <567B44D1.30606@ix.netcom.com>

Reagan was in some B pictures but was mostly a leading man in A pictures for Warner Brothers. IMDB will give you a list of movies (or a filmography if you are fancy). Jack Warner thought his actors were a sort of stock company who should accept any role given to them so, for instance, Humphrey Bogart continued to get supporting roles or even bit parts after becoming a top star. Bette Davis sued over this and lost.

I suppose most people on this list know the origin of the term B picture, AKA a programmer.

On 12/23/2015 4:51 PM, Dave Horsfall via BoatAnchors wrote:

> On Wed, 23 Dec 2015, k4pf--- via BoatAnchors wrote:

>

>> "Fargo" is a good series, if you like thrillers with a high body count
>> and a heavy dollop of black comedy. Candidate Ronald Reagan makes an
>> appearance, played by B-movie horror icon Bruce Campbell.

> But wasn't Ronald Reagan a B-grade actor once? Oh, that's right; he

> became US President... I think he played lead chimp or something, in some
> awful movie. Return of the Chimps, or similar?
>

--

Richard Knoppow
1oldlens1 at ix.netcom.com
WB6KBL

From gumbear at pacbell.net Wed Dec 23 20:30:05 2015
From: gumbear at pacbell.net (Arden Allen)
Date: Wed, 23 Dec 2015 17:30:05 -0800
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
In-Reply-To: <alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
References: <20151223.162835.24562.0@webmail05.vgs.unttd.com>
<alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
Message-ID: <62372C5B2D0746C2A59FD94C7C079A48@KB6NAX>

>Return of the Chimps, or similar?

"Bed time for Bonzo." His one noteworthy achievement.

Arden Allen
KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From 4cx250b at miamioh.edu Wed Dec 23 20:47:35 2015
From: 4cx250b at miamioh.edu (Jim Garland)
Date: Wed, 23 Dec 2015 18:47:35 -0700
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
In-Reply-To: <62372C5B2D0746C2A59FD94C7C079A48@KB6NAX>
References: <20151223.162835.24562.0@webmail05.vgs.unttd.com>
<alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
<62372C5B2D0746C2A59FD94C7C079A48@KB6NAX>
Message-ID: <064301d13ded\$1045fa20\$30d1ee60@miamioh.edu>

I saw the Fargo episode with the NCX3! It seemed to be paired with a Heathkit power supply.

And if you've not done so, don't forget to check out the second episode of this season's Longmire. It has what I believe to be the record for boatanchor sightings: KWM1, SX88, NCX5, NCL2000, NCL2000, Drake 2B and C-Line, D104s, vibroplex bugs, plus more. (Of course, the producers did have some expert advice, heh, heh.)

73,

Jim W8ZR

> -----Original Message-----

> From: BoatAnchors [mailto:boatanchors-bounces at theporch.com] On Behalf Of Arden

> Allen via BoatAnchors

> Sent: Wednesday, December 23, 2015 06:30 PM

> To: Dave Horsfall; BoatAnchors

> Subject: Re: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2

>

> >Return of the Chimps, or similar?

>

> "Bed time for Bonzo." His one noteworthy achievement.

>

> Arden Allen

> KB6NAX

>

> He who is cruel to animals becomes

> hard also in his dealings with men.

> We can judge the heart of a man by

> his treatment of animals.

> ?Immanuel Kant

>

>

>

>

>

> -----

> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From johnmb at nc.rr.com Thu Dec 24 11:11:12 2015

From: johnmb at nc.rr.com (john)

Date: Thu, 24 Dec 2015 11:11:12 -0500

Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2

In-Reply-To: <62372C5B2D0746C2A59FD94C7C079A48@KB6NAX>

References: <20151223.162835.24562.0@webmail05.vgs.unttd.com>

<alpine.BSF.2.11.1512241146280.27165@aneurin.horsfall.org>
<62372C5B2D0746C2A59FD94C7C079A48@KB6NAX>
Message-ID: <567C1920.6040409@nc.rr.com>

Winning the Cold War wasn't a bad item for the resume either.

Merry Christmas to the BA list once again!
John
K5MO

On 12/23/2015 8:30 PM, Arden Allen via BoatAnchors wrote:

>>Return of the Chimps, or similar?
>
> "Bed time for Bonzo." His one noteworthy achievement.
>
> Arden Allen
> KB6NAX
>
> He who is cruel to animals becomes
> hard also in his dealings with men.
> We can judge the heart of a man by
> his treatment of animals.
> ?Immanuel Kant
>
>
>
> -----
> BoatAnchors mailing list
> BoatAnchors at theporch.com
> <https://minime.theporch.com/mailman/listinfo/boatanchors>

--
III

From WA5CAB at cs.com Thu Dec 24 12:37:53 2015
From: WA5CAB at cs.com (WA5CAB at cs.com)
Date: Thu, 24 Dec 2015 12:37:53 -0500
Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2
Message-ID: <20fb55.7254552a.43ad8771@cs.com>

Amen.

Robert Downs - Houston
wa5cab dot com (Web Store)
MVPA 9480

In a message dated 12/24/2015 10:11:38 AM Central Standard Time,
boatanchors at theporch.com writes:

> Winning the Cold War wasn't a bad item for the resume either.
>
> Merry Christmas to the BA list once again!
> John
> K5MO
>
> On 12/23/2015 8:30 PM, Arden Allen via BoatAnchors wrote:
> >>.....Return of the Chimps, or similar?
> >
> >"Bed time for Bonzo." His one noteworthy achievement.
> >
> >Arden Allen
> >KB6NAX
>

From listown at nanniandjack.com Thu Dec 24 14:03:03 2015
From: listown at nanniandjack.com (List Manager)
Date: Thu, 24 Dec 2015 12:03:03 -0700
Subject: [BoatAnchors] Holidays
Message-ID: <01bd1334c6c45151f4e34c321e77b06f@nanniandjack.com>

Gang-

Not wishing to offend anyone, but to you all:

MERRY CHRISTMAS / HAPPY KWANZAA / HAPPY HANUKKAH / HAPPY FESTIVUS
(Season's greetings)
and Happy New Year

Thank you all for being part of this amazing group

--

Jack Hill, W4KH - BoatAnchors Listowner/Archiver
listown at nanniandjack.com

"Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

From wa5jci at basicisp.net Thu Dec 24 15:54:54 2015
From: wa5jci at basicisp.net (Spencer Petri)
Date: Thu, 24 Dec 2015 14:54:54 -0600
Subject: [BoatAnchors] Holidays
In-Reply-To: <01bd1334c6c45151f4e34c321e77b06f@nanniandjack.com>
References: <01bd1334c6c45151f4e34c321e77b06f@nanniandjack.com>

Message-ID: <20151224125506.9749ED4E@m0089744.pops.net>

At 01:03 PM 12/24/2015, List Manager via BoatAnchors wrote:

>

>

>Gang-

>

>Not wishing to offend anyone, but to you all:

>

>MERRY CHRISTMAS / HAPPY KWANZAA / HAPPY HANUKKAH / HAPPY FESTIVUS

>(Season's greetings)

>and Happy New Year

Happy birthday.

de Pete WA5JCI

From wa1kbq at aol.com Fri Dec 25 10:15:08 2015

From: wa1kbq at aol.com (Greg Gore)

Date: Fri, 25 Dec 2015 10:15:08 -0500

Subject: [BoatAnchors] Boatanchors in the Movies - "Fargo", season 2

In-Reply-To: <064301d13ded\$1045fa20\$30d1ee60\$miamioh.edu>

Message-ID: <151d9b52ee8-2e4d-6b14@webprd-a67.mail.aol.com>

Jim,

Why not an HRO-600 alongside the SX-88? Hi hi!

Merry Christmas,

Greg; WA1KBQ

From jgillespie at porchlight.ca Sun Dec 27 11:56:25 2015

From: jgillespie at porchlight.ca (J Gillespie)

Date: Sun, 27 Dec 2015 11:56:25 -0500

Subject: [BoatAnchors] RBM-5 Update

Message-ID: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>

More things found while restoring our RBM-5 receivers.

Once our high frequency receiver was totally recapped, the receivers sensitivity was low.

These receivers appeared to be in almost new condition, unused...as if they had never been put into service. Seriously leaking sealed blocked caps may have been a good reason for this, but after the receiver was recapped its performance was poor.

Attempting a realignment turned up another reason to have the radios shelved. When I tried to adjust an oscillator trimmer there wasn't the normal smooth adjustment, there was an obvious physical step felt. Over approximately 160 degrees of the total 180 degrees of adjustment, the oscillator was dead. After the step was felt, the remaining 20 degrees of adjustment produced a working oscillator, but with little or no adjustment. This same condition was realized on several other trimmer adjustments in the same coil boxes. I removed the coil box set T501 to T503 and found several of the sixteen Sickles 25pf trimmers, many were shorted or nearly so.

On-line I found a very helpful article on repairing these trimmers <http://www.instructables.com/id/Repair-a-Capacitor-Small-Air-Variable-Capacitor-/> by Opcom, Patrick Jankowiak KD5OEI. Also see www.rawfire.touche.com/~opcom.caprep/ He describes the problem in detail.

These trimmer caps were assembled using a pressfit 1/4" plated brass unthreaded hex nut. In his transmitter the hex was cracked relieving the tension on the spring allowing the plates to short. The same condition existed in the sixteen Sickles trimmers in our RBM-5. At least half the rotor plates were no longer in the center of the stator plates, detuning the Antenna, RF and Oscillator circuits. One trimmers porcelain is so badly damaged it must be replaced, but all the remaining trimmers can be repaired in place. What a relief !

The repair is made by removing the cracked hex portion, applying a very thin layer of J B Weld inside the nut, reassembling the nut to the shaft and clamping the assembly while maintaining even spacing of the plates. So far, the rebuild seems to work quite well. The trimmers can be repaired without removing them from the coil boxes.

I'll let you know the final results when the coil boxes are returned to the receiver in a few days. John

From w7qho at aol.com Sun Dec 27 12:55:21 2015

From: w7qho at aol.com (Dennis DuValll)

Date: Sun, 27 Dec 2015 09:55:21 -0800

Subject: [BoatAnchors] RBM-5 Update

In-Reply-To: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>
References: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>
Message-ID: <A522EB10-CBA8-4C2F-989C-84B3422B64F3@aol.com>

Certain production runs of the BC-348 also exhibit this affliction?..

Dennis D. W7QH0
Glendale, CA

> On Dec 27, 2015, at 8:56 AM, J Gillespie via BoatAnchors <boatanchors at theporch.com> wrote:

>

> These trimmer caps were assembled using a pressfit 1/4" plated brass unthreaded hex nut. In his transmitter the hex was cracked relieving the tension on the spring allowing the plates to short. The same condition existed in the sixteen Sickles trimmers in our RBM-5. At least half the rotor plates were no longer in the center of the stator plates, detuning the Antenna, RF and Oscillator circuits. One trimmers porcelain is so badly damaged it must be replaced, but all the remaining trimmers can be repaired in place. What a relief !

From w8au at sssnet.com Sun Dec 27 13:08:24 2015
From: w8au at sssnet.com (w8au at sssnet.com)
Date: Sun, 27 Dec 2015 13:08:24 -0500
Subject: [BoatAnchors] RBM-5 Update
In-Reply-To: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>
References: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>
Message-ID: <mailman.132.1451239709.293.boatanchors@theporch.com>

At 11:56 AM 12/27/2015, J Gillespie via BoatAnchors wrote:

>More things found while restoring our RBM-5 receivers.

>several of the sixteen Sickles 25pf trimmers, many were shorted or nearly so.

Having worked on several RBS and RBM receivers (virtually the same)
I also found shorted trimmer caps, due to the press fit shafts slipping and causing the rotor to drop onto the stator plates. (APC style variable caps)

The easiest fix, depending on the construction, was to use a soldering iron to soften the rotor mounting arms soldered into the eyelets in the ceramic faceplate. This allows the stator plates to drop away from the rotor plates.

This fix is usable with trimmers using a guide pin in the front shaft that keeps the rotor from rotating more than 180 degrees. This pin also holds the rotor shaft from dropping further, and eliminates the necessity for repairing the press fitting.

Over the years, seeing an RBS or RBM, I usually groan thinking of the extra work required to get these little beasts operable.... ;-)

Perry w8au

From w8au at sssnet.com Sun Dec 27 13:24:27 2015
From: w8au at sssnet.com (w8au at sssnet.com)
Date: Sun, 27 Dec 2015 13:24:27 -0500
Subject: [BoatAnchors] RBM-5 Update CORRECTION in RED
Message-ID: <mailman.134.1451240672.293.boatanchors@theporch.com>

At 11:56 AM 12/27/2015, J Gillespie via BoatAnchors wrote:
>More things found while restoring our RBM-5 receivers.
>several of the sixteen Sickles 25pf trimmers, many were shorted or nearly so.

Having worked on several RBS and RBM receivers (virtually the same)
I also found shorted trimmer caps, due to the press fit shafts slipping and causing the rotor to drop onto the stator plates. (APC style variable caps)

The easiest fix, depending on the construction, was to use a soldering iron to soften the STATOR mounting arms soldered into the eyelets in the ceramic faceplate. This allows the stator plates to drop away from the rotor plates.

This fix is usable with trimmers using a guide pin in the front shaft that keeps them from rotating more than 180 degrees. This pin also holds the rotor shaft from dropping further, and eliminates the necessity for repairing the press fitting.

Over the years, seeing an RBS or RBM, I usually groan thinking of the extra work required to get these little beasts operable.... ;-)

Perry w8au

BoatAnchors mailing list
BoatAnchors at theporch.com
<https://minime.theporch.com/mailman/listinfo/boatanchors>

From oldradio at comcast.net Sun Dec 27 16:55:11 2015
From: oldradio at comcast.net (Comcast Email John)
Date: Sun, 27 Dec 2015 16:55:11 -0500
Subject: [BoatAnchors] Boatanchors in on TV series "Colony"
In-Reply-To: <064301d13ded\$1045fa20\$30d1ee60\$miamioh.edu>

Message-ID: <f9eb2e09-b329-4a0e-ac3f-62dc9737199a@email.android.com>

Looks like D104 and SX28 in promo.

73, John -- Sent from my Tablet

From gumbear at pacbell.net Sun Dec 27 17:01:20 2015

From: gumbear at pacbell.net (Arden Allen)

Date: Sun, 27 Dec 2015 14:01:20 -0800

Subject: [BoatAnchors] RBM-5 Update

In-Reply-To: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>

References: <7BB688558B81408EADF67AC2F1FF099D@xpuser716b2b38>

Message-ID: <91C197301A4B43CCBB816455EBFE7482@KB6NAX>

>The repair is made by removing the cracked hex portion, applying a
> very thin layer of J B Weld inside the nut, reassembling the nut to the
> shaft and clamping the assembly while maintaining even spacing of the
> plates.

Another way to repair these air trimmers which is a bit more risky is to first realign the nut to the end of the shaft to center the rotor plates in between the stator plates by clamping the cap in a vice as shown in the instructions but with a difference. Place hard shims in between several of the rotor and stator plates so that when releasing the cap from the vice the plates remain correctly spaced. Then solder the nut to the shaft using a hefty soldering iron, the nut and shaft infused with activated rosin paste flux (Kester 44) and ****sparingly**** applying solder to avoid soldering the shaft to the bushing. Avoid prolonged heating which if the rotor plates get too hot they will come loose from the shaft because they are soldered to the shaft. After cool down wash the cap in acetone while rotating the plates to remove flux and then lubricate with contact cleaner lubricant to prevent galling of the shaft, bushing and wiper interfaces. If there is solder filling the screw driver slot it can be cleaned out with a miniature coping saw blade.

Arden Allen

KB6NAX

He who is cruel to animals becomes
hard also in his dealings with men.
We can judge the heart of a man by
his treatment of animals.
?Immanuel Kant

From jgillespie at porchlight.ca Tue Dec 29 17:03:51 2015

From: jgillespie at porchlight.ca (J Gillespie)
Date: Tue, 29 Dec 2015 17:03:51 -0500
Subject: [BoatAnchors] RBM-5 trimmer repairs
Message-ID: <E821343A86BF42DC899229CCE4804DF7@xpuser716b2b38>

Thanks Arden Allen, Perry Ballinger and Dennis DuVall for all your input on repairing these little trimmers. Dennis you're scaring me with your comment on the BC 348. I have one sitting behind me awaiting a hot soldering iron, it's coming up next, hihi.

You guys must have much better techniques than me. Gave that solder idea a good hearty try on the one trimmer that needs to be replaced, found it's very easy for the whole trimmer to go all out of wack. I think I would end up making a much bigger mess than I'm already facing. I really appreciate your input though !

The method I am using involves removing the cracked hex portion. Cutting 4 small divits into the shaft at 90 degree spacing using a 1/16" ball cutter in a Dremmel Tool. Cutting 6 small divits into the internal surface of the hex nearest the shaft end portion, while staying away from the bearing surface. Once the divits are cut, I wash the hex and shaft with alcohol, drying both. Mix up a very small portion of J B Weld Steel and smear it into the 10 divits. Reinstall the hex, clamping it in place to provide even stator / rotor spacing and let it stand for 24 hours. The small 1 3/4" C clamps I am using had to be modified slightly to get into some of the tight spaces. The beauty of this method is not having to physically remove the trimmers from the coil boxes to make repairs. The Dremmel Tool 1/16" ball cutter is easily able to get in through the the trimmer access hole in the coil box. So far, so good... I am about half completed. John

From w7qho at aol.com Tue Dec 29 18:27:51 2015
From: w7qho at aol.com (Dennis DuValll)
Date: Tue, 29 Dec 2015 15:27:51 -0800
Subject: [BoatAnchors] RBM-5 trimmer repairs
In-Reply-To: <E821343A86BF42DC899229CCE4804DF7@xpuser716b2b38>
References: <E821343A86BF42DC899229CCE4804DF7@xpuser716b2b38>
Message-ID: <84A0ADE0-6854-4DB2-B140-7114FC2B8FDC@aol.com>

John,

In the BC-348 case the problem seems to be limited to particular production run(s) and/or maybe from particular company(s). I have personally run into this problem in only one -348, a Stromberg Carlson ?P? model, out of half a dozen or so units that I have worked on over the years. Didn't try to repair any the defective units in the one case I encountered but just went ahead and replaced all the trimmers in the radio. Had the spare stock to do this fortunately.

Dennis D. W7QH0
Glendale, CA

> On Dec 29, 2015, at 2:03 PM, J Gillespie via BoatAnchors <boatanchors at theporch.com> wrote:

>

> Thanks Arden Allen, Perry Ballinger and Dennis DuVall for all your input on repairing these little trimmers. Dennis you're scaring me with your comment on the BC 348. I have one sitting behind me awaiting a hot soldering iron, it's coming up next, hihi.

>

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>

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>

> -----
> BoatAnchors mailing list

> BoatAnchors at theporch.com

> <https://minime.theporch.com/mailman/listinfo/boatanchors>

From n7rk at cox.net Wed Dec 30 13:50:12 2015

From: n7rk at cox.net (Dave Hollander)

Date: Wed, 30 Dec 2015 11:50:12 -0700

Subject: [BoatAnchors] FS: Dowkey Relay, Telegraph Keys and National Receiver

Message-ID: <56842764.7090209@cox.net>

1936 Vibroplex Original Bug with Wedge- \$100 plus shipping

Vibroplex Original Bug with a Vibroplex wedge. The serial number is 109660 dating this bug to 1936. This key appears to be complete and should clean up nicely. Being it has a wedge, this key probably belonged to a railroad telegrapher.

<http://n7rk.com/radiostuff9/1936vibroplex.jpg>

<http://n7rk.com/radiostuff9/1936vibroplex4.jpg>

Dowkey Relay - \$65 plus shipping
Clean and working 110 VAC relay with external contacts.
<http://n7rk.com/radiostuff9/110vacDowkey.jpg>
<http://n7rk.com/radiostuff9/110vacDowkey2.jpg>

Cold War Miniature Russian Telegraph Key - \$45 shipped
Miniature Russian telegraph key of cold war vintage. This appears to be an NOS key. I picked up a bunch of these back in the 1990's while at the Friedrichshafen hamfest in Germany.
<http://n7rk.com/radiostuff9/miniruskey.jpg>
<http://n7rk.com/radiostuff9/miniruskey2.jpg>
<http://n7rk.com/radiostuff9/miniruskey4.jpg>
<http://n7rk.com/radiostuff9/miniruskey5.jpg>

National NC-80X Receiver - \$250 plus shipping.
This is a rare and not often seen NC-80X receiver. This is a ten tube superhet covering 540 to 30,000 kilocycles in four ranges with a crystal filter. Uses moving catacomb coil unit similar to the NC-100 series. This is an ac/dc receiver but still pretty heavy. National offered this from 1937 to 1938. I recapped this about 12 years ago but never got around to replacing the electrolytics in the power supply and when I fired it up a few days ago - major hum! The chassis is dirty but should clean up nicely. It has been sitting in my dry garage (I live in Phoenix) ever since. The escutcheon is not fastened down as I don't recall how it was supposed to be attached. The light bar is also loose but I have it. Catacomb coil assembly moves smoothly. The main tuning is incredibly smooth. Includes a photocopy of the manual. No Trades.
<http://n7rk.com/radiostuff9/nc80x.jpg>
<http://n7rk.com/radiostuff9/nc80x2.jpg>
<http://n7rk.com/radiostuff9/nc80x3.jpg>
<http://n7rk.com/radiostuff9/nc80x4.jpg>
<http://n7rk.com/radiostuff9/nc80x5.jpg>
<http://n7rk.com/radiostuff9/nc80x7.jpg>
<http://n7rk.com/radiostuff9/nc80x8.jpg>
<http://n7rk.com/radiostuff9/nc80x91.jpg>
<http://n7rk.com/radiostuff9/nc80x92.jpg>
<http://n7rk.com/radiostuff9/nc80x93.jpg>

Payment by paypal. I will ship international.

Tnx for looking and 73,

Dave N7RK

--

Dave N7RK Boatanchors Home Page: <http://n7rk.com>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#22 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

From kd5byb at kd5byb.net Thu Dec 31 17:00:12 2015

From: kd5byb at kd5byb.net (Ben Hall)

Date: Thu, 31 Dec 2015 16:00:12 -0600

Subject: [BoatAnchors] Connector for Bendix MN-26 Radio Compass

Message-ID: <5685A56C.7080302@kd5byb.net>

Good afternoon all,

Anyone have a spare Control Box connector for a Bendix MN-26 radio compass?

Believe the proper part number is NK-C23-21-5/8B. It appears to be part of the old Bendix then ITT/Cannon now PEI-Genesis "Standard K" connector line. The PEI/Genesis NK-L23 looks very similar, but only has two large pins instead of three large pins on the MN-26 connector.

thanks much and 73,
ben, kd5byb